

20040116.qrp v03_n167.qrl.20040116

Date: Fri, 16 Jan 2004 19:03:13 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3167

QRP-L Digest 3167

Topics covered in this issue include:

- 1) [165448] Re: Disappointing QSOs last night
by "Lawrence Makoski" <Makos327@worldnet.att.net>
- 2) [165449] Re: Front end filters
by "DTX" <dtx@wood.tzo.com>
- 3) [165450] RE: *** \$50 permit (per year) REQUIRED to operate Radio in NY Park!!

by "AI2Q" <ai2q@adelphia.net>
- 4) [165451] Re: *** \$50 permit (per year) REQUIRED to operate Radio in NY Park!!

by Rick McKee <kc8aon@juno.com>
- 5) [165452] THANKS = help w/ZM-2 pictorial
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 6) [165453] Re: FYBO - temp scale
by applitech@mcg.net (Claton Cadmus)
- 7) [165454] Re: Toroids and magnets
by "Chris Trask" <chistrask@earthlink.net>
- 8) [165455] Eyeball QSO with K4KSR
by "Ian C. Purdie" <ianpurdie@integritynet.com.au>
- 9) [165456] Fwd: 16th HOT-PARTY's Visitors's Book
by dl6aaf@t-online.de
- 10) [165457] Fwd: Results 16th HOT-PARTY
by dl6aaf@t-online.de
- 11) [165458] Re: Toroids and magnets
by James R Giammanco <n5ib@juno.com>
- 12) [165459] Re: *** \$50 permit (per year) REQUIRED to operate Radio in NY Park!!

by Tom Popovic <ki3r@yahoo.com>
- 13) [165460] PSK-31 software?
by "Nick Kennedy" <wa5bdu@tcainternet.com>
- 14) [165461] FS: various
by "Michael Bower N4NMR" <bowerm@ix.netcom.com>
- 15) [165462] Re: *** \$50 permit (per year) REQUIRED to operate Radio in NY Park!!

by "Mike Yetsko" <myetsko@insydesw.com>
- 16) [165463] Re: New Altoids Ad
by Bob Nielsen <nielsen@oz.net>
- 17) [165464] [CONTEST] N2CQ QRP Contest Calendar Jan 17-31, 2004

by "Ken Newman" <n2cq@dandy.net>

18) [165465] Re: *** \$50 permit (per year) REQUIRED to operate Radio in NY Park!!

by "Brian Murrey" <brian@iquest.net>

19) [165466] Re: ARCI Announcement

by "Brian Murrey" <brian@iquest.net>

20) [165467] FS:Yaesu FT-70G hf backpack radio

by "John Cook" <otterc@earthlink.net>

21) [165468] FOX: AC7A Jan 13th Preliminary Results

by "Thomas Kuehl" <ac7a@earthlink.net>

22) [165469] RE: PSK-31 software?

by "JBCrafts" <jbcraft@adelphia.net>

23) [165470] RE: Disappointing QSOs last night

by "John Cook" <otterc@earthlink.net>

24) [165471] Re: *** \$50 permit (per year) REQUIRED to operate Radio in NY Park!!

by "John Paul Keon" <jpkeon@nc.rr.com>

25) [165472] Re: Toroids and magnets

by "Chris Trask" <chistrask@earthlink.net>

26) [165473] Re: PSK-31 software?

by "Rod N0RC" <rc7039-hr@yahoo.com>

27) [165474] Re: PSK-31 software?

by "DTX" <dtx@wood.tzo.com>

28) [165475] qrp aprs Altoids friendly

by Chad Nelson <galahad@boisecenter.net>

29) [165476] Another QRP Beacon 7.090 mghz

by "Bill Linn" <wlinn@smgazette.com>

30) [165477] Re: THANKS = help w/ZM-2 pictorial

by Michael Danchi <Infinite5ths@characterlink.net>

31) [165478] Re: PSK-31 software?

by "Bob Baxter" <rbaxter@cybertrails.com>

32) [165479] Re: Front end filters

by w2bvh <w2bvh@comcast.net>

33) [165480] Re: PSK-31 software?

by Tom Severt <n2uhc@yahoo.com>

34) [165481] 30 meter beacon

by Tom Severt <n2uhc@yahoo.com>

35) [165482] FS: Selling my FT-817

by John Rollins <kd7bcy@teleport.com>

36) [165483] RE: Toroids and magnets

by "Sverre Holm" <svholm2@broadpark.no>

37) [165484] Re: Toroids and magnets

by Chuck Carpenter <w5usj@9plus.net>

38) [165485] Re: *** \$50 permit (per year) REQUIRED to operate Radio in NY Park!!

by John Oppenheimer <john@KN5L.net>

39) [165486] Re: non-polarized electrolytic

by Shawn Upton <kb1ckt@yahoo.com>

40) [165487] Re: Front end filters
by w2bvh <w2bvh@comcast.net>
41) [165488] Re: New Altoids Ad
by Kevin Gunther <beeltee@optonline.net>
42) [165489] Re: *** \$50 permit (per year) REQUIRED to operate Radio in NY Park!!

by k2zn@rochester.rr.com
43) [165490] Re: Toroids and magnets
by "Chris Trask" <chistrask@earthlink.net>
44) [165491] Re: Toroids and magnets
by Bruce Muscolino <w6toy@erols.com>
45) [165492] Hams Win Permissive Tower height in NM!
by Dave Fuller <rfgdma@spinn.net>
46) [165493] RE: *** \$50 permit (per year) REQUIRED to operate Radio in NY Park!!

by "Steve Blary" <steve@eclipsecat.com>
47) [165494] Re: More antenna questions.
by "Patrick Schwarz - KB8RTZ" <kb8rtz@comcast.net>
48) [165495] 80 meter QRP performance
by jsb@digistar.com
49) [165496] 30 meter beacon test run
by Tom Severt <n2uhc@yahoo.com>
50) [165497] Re: 30 meter beacon test run
by Brian <brian@iquest.net>
51) [165498] Re: 30 meter beacon test run
by Wayne Rogers <w5kdj@juno.com>
52) [165499] [OT] Voltmeter Repair
by "Brad Hernlem" <alihernlem@hotmail.com>
53) [165500] Re: 80 meter QRP performance
by Bruce Muscolino <w6toy@erols.com>
54) [165501] Need Schematic of Supergainer Receiver.
by Steven Weber <kd1jv@moose.ncia.net>
55) [165502] KITS: Digi- SWR/Power meter
by Steven Weber <kd1jv@moose.ncia.net>
56) [165503] Re: 30 meter beacon test run
by "Lew Paceley" <lew@paceley.com>
57) [165504] 2x6V=12V, then what...?
by Lloyd Lachow <llachow@yahoo.com>
58) [165505] Re: 30 meter beacon test run
by Karl Larsen <k5di@zianet.com>
59) [165506] Re: Need Schematic of Supergainer Receiver.
by "Paul F. Ryan" <pfr2@Lehigh.EDU>
60) [165507] Ten meters is open
by Karl Larsen <k5di@zianet.com>
61) [165508] Re: Need Schematic of Supergainer Receiver.
by Steve Smith <sigcom@juno.com>
62) [165509] Re: 2003 ARRL Frequency Measuring Test - results
by "George, W5YR" <w5yr@att.net>

- 63) [165510] Ham radio permit required for NYS parks...\$50 Fee per year
by TJM <tjmc@erols.com>
64) [165511] FA: Vintage "Sardine Sender" 80m CW QRP Transmitter
by "Richard L. Ferranti" <remler@juno.com>
65) [165512] Re: *** \$50 permit (per year) REQUIRED to operate Radio in NY
Park!!***
by "Brian Riley (maillist)" <n1bq_list@wulfdn.org>

Date: Thu, 15 Jan 2004 18:43:41 -0500
From: "Lawrence Makoski" <Makos327@worldnet.att.net>
To: <john@KN5L.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [165448] Re: Disappointing QSOs last night
Message-ID: <00f201c3dbc1\$68a9dec0\$9cfe4b0c@larrysahyqy001>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

John,

I had just the opposite happen to me last night. I have been trading e-mails with Jim, K9JXW who is a member of FISTS. Anyway, he and I arranged for a QSO on 40 Meters last night, as he wanted a QSO with me to go towards his NANFA award; and since conditions have been so wierd lately (as evidenced during our past few Fox hunts), I decided to go QRO and fire up my Icom IC-751A to 50W. We QSO'ed for about a half an hour and after signing with him, I was tailended by Ron KF0UU out of Minnesota.

He was operating QRP and we traded the usual CW QSO stuff and then basically he sent, " I know condx vy bad, es is tuff to cpy my QRP sig, so will let u go". I had him a solid 559 when he was in the clear, there was some VE SSB QRM, but it wasn't too bad. I was surprised as that's the first time a QRP station ever sent anything like that to me! So I came back to him and proceeded to tell him my other rig is a K1 and that I'm QRP 80 to 90% of the time. I then lowered the IC-751A down to 5W and we spent a little more time before we signed.

Ever since my Novice days, I have never been put off by weak signals. By using the audio amplifier and filters that you have between the ears, you become a better operator. QRPing has definitely helped me in my chasing DX. I can't compete power output-wise; but from listening to weak signals and learning where to chase, I definitely think that I have got an edge on a lot of other guys.

It is my most humble opinion that QRP operating brings you as close to "pure" amateur radio as can be had. Through QRP you learn the disciplines that will enable any Ham to become an A1 operator!

73 de Larry W2LJ - Vivat Morse!

W2LJ@arrl.net
<http://www.qsl.net/w2lj>

ARRL Lifemember QRP ARCI #4488 NJQRP #47
FISTS #1469 QRP-L #778 FP #612 QRPp-I #759
ARS #1528 --- K1 #1647 --- AmQRP, CQC #746

Date: Thu, 15 Jan 2004 15:46:09 -0800
From: "DTX" <dtx@wood.tzo.com>
To: <Dan.Tayloe@motorola.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [165449] Re: Front end filters
Message-ID: <06d601c3dbc1\$c0e96c40\$0c00a8c0@home>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Tayloe Dan-P26412" <Dan.Tayloe@motorola.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, January 15, 2004 12:38 PM
Subject: RE: Front end filters

> My understanding of 40m noise level is that is hardly ever gets less than -116 dbm. On the other hand, typical ham rigs have a sensitivity of around -136 dbm with the preamp on, and -130 dbm with the preamp off.

>

> The conclusion I could draw is that not only is a preamp not useful on 40m with a average 40m antenna, but that an extra 10 to 15 db of attenuation on the receive side would not hurt sensitivity, and would significantly help large signal performance of the rig a lot.

Right. And even more so on 80M. I "never" turn the attenuator off on 80M. Well, maybe occasionally between 3790 and 3800 if I am around the radio at 5 AM <G>.

Gary WA6DTX

>

> On the other hand, I have heard copy able QRP signals on a -143 dbm receiver on 20m that were not there on the same antenna when using a -136 dbm receiver (K2). Thus, I would rather not give up sensitivity on 20m.

>

> - Dan, N7VE

>

Date: Thu, 15 Jan 2004 18:18:15 -0500

From: "AI2Q" <ai2q@adelphia.net>

To: <lmairs@direcway.com>,

"'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>

Subject: [165450] RE: *** \$50 permit (per year) REQUIRED to operate Radio in NY Park!!***

Message-ID: <000e01c3dbbd\$db3fcfc0\$6401a8c0@Administrator>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

True enough about "only on Long Island" Lee.

Could it be that the Long Island mentality is personified by sleazy DJs, almost openly-corrupt county "officials" in both Nassau and Suffolk Counties, nasty perpetual jammers on the repeaters, and very excessive crowding?

I lived there for many a year, and I gotta tell you, between Joey Buttafuco, Howard Stern, Margiotta et al, it's a real pleasure not to have to deal with the "New York state of mind" any more.

I hope I haven't offended any of my old pals on Lunguyland.

== Vy 73, AI2Q, Alex in Maine == QRP-L #687

<http://users.adelphia.net/~alexmm/ai2q.htm>

.-.-.

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Lee Mairs
Sent: Thursday, January 15, 2004 5:01 PM
To: Low Power Amateur Radio Discussion
Subject: Re: *** \$50 permit (per year) REQUIRED to operate Radio in NY Park!!***

Only on Long Island could they come up with a scheme like this. Frankly, I can't believe it is legal for the LISPC to require a permit to operate a Federal Communications Commission licensed amateur station on LISPC grounds. What is to prevent the Town of Babylon, Suffolk County or any other agency to require similar fees to operate mobile in their jurisdictions?

Please don't buy the permit. Write the FCC and your federal representatives first.

73 de Lee, KM4YY/8
Summer Oak Island resident and formerly WA2DFK

----- Original Message -----

From: "TJM" <tjmc@erols.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, January 15, 2004 2:01 PM
Subject: *** \$50 permit (per year) REQUIRED to operate Radio in NY Park!!***

> I'm trying to decide if the permit is worth the money...
>
> See below letter for how this started and letter to parks dept.
>
>
> It now appears I must (and each member who wishes to operate) obtain a
> yearly permit issued by the NYS Parks Dept to operate a radio in the park.
>
> Today in the mail I received the letter/permit form from the Office of
> Parks / Recreation , Long Island State Region, Babylon, NY.
> The permit is valid for ONE Year at a cost of \$50. The Permit is valid
> ONLY in Sunken Meadow State Park and must be carried on the person.
> The permit still requires the access fee to be paid (another aprox \$7).
>
>
> So what to do?? I'm wondering if it's worth it??
>
> all best
> Tom aa2vk
>
>

>
>
> >
> > ----- Original Message -----
>
> >Subject: outing at the beach
> >Date:> Tue, 23 Dec 2003 16:55:47 -0500
> >From: TJM <tjmc@erols.com>
> >To: LIQRP <liqrp@mailman.qth.net>
> >
> > Hi Group,
> >
> > Went out to Sunken Meadow St Park (LI, NY) today. Sun was nice but
> > a bit cool! ;) The W1FE wanted to run, so I took along my DSW-20 and
> > 10m pole. Set up was at the beach, on the boardwalk using the picnic
> > tables that are there year round.
> >
> > Put the fiber pole into the hole for umbrellas (removed the two
> > bottom sections) tape a wire onto it and pulled it up for a max
> > height of 25ft. Worked N5DMC, Jerry of MS and K4YKI, Norm of KY on
> > 2.5 watts...
> >
> > While I was working K4YKI, a State Park Police comes up to me and
> > asks if I had a permit. I said I wasn't aware that one was needed...
> > He says the pole is to tall and tells me to take it down... I say
> > ok... before I get to ask any more questions, he's gone. So, I pack
> > up, get the W1FE, walk over to the Park office to ask why I need a
> > permit and under what ordinance....Of course the St PD is gone (went
> > home) and the Park Office employees have no knowledge...
> >
> > SO , I have to wait till the Main Park office is open to get some
> > answers.
> >
> > More to come on this!
> >
> > all best Tom aa2vk
>
>
>
> LETTER to NYS Parks Dept;
>
> > 12/24/2003
> >
> >
> > To: Long Island State Parks
> >
> > From: Thomas McCuen; AA2VK
> >

> > Re: Permission/Permit for Amateur Radio Operation in the Sunken
> > Meadow Park
> >
> >
> > 1) I, Thomas McCuen, am requesting permission to allow operation of
> > an amateur radio while in the park during normal business hours. This
> > request is due to a State Park Officer advising me a permit was
> > required for operation.
> >
> > 2) This radio operation is of Amateur type usage of which I am
> > licensed for by the F.C.C.
> >
> > 3) The radio is a small portable transmitter/receiver that is less
> > than 5"x5"x5" in size. The radio is powered by a small battery or
> > battery pack comprised of "AA" type batteries. Transmitted power is
> > of a low amount, usually less than 3 watts, so as not to interfere
> > with any other normal Park operations. The antenna is a small wire
> > that is vertically supported on a fiberglass-fishing pole. The form
> > of transmission is usually in the form of Morse Code and headphones
> > are worn so as not to disturb others in the park.
> >
> > 4) Attached is a copy of my FCC license and photos of equipment are
> > available if requested.
> >
> >
> > Thank You,
> >
> >
> >
> > Thomas McCuen
> >
> >
> >
> --
> *****
> * Member of NORCAL, NJQRP, LIQRP, HFPack *
> * K2 #1213 *
> * LIQRP Web Page : www.qsl.net/liqrp *
> * Personal web page : www.erols.com/tjmc *
> *****
>
>
>
>
>
>

Date: Thu, 15 Jan 2004 19:20:01 -0500
From: Rick McKee <kc8aon@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [165451] Re: *** \$50 permit (per year) REQUIRED to operate Radio in NY Park!!***
Message-ID: <20040115.192012.10030.2.kc8aon@juno.com>

I would have contested the remarks made by the officer - just because he is an officer doesn't mean he knows what he is talking about !

For for example, a friend and I were hunting groundhogs on private property, with written permission from the landowner. The rifle we were using was a 243 centerfire. A sheriff's deputy pulls off the main road, drives through the farmers hay field to where we were sitting and informs us that we have an illegal weapon. Well, I knew better, so ask him what made it illegal ? Now, this is in Ohio mind you, and in Ohio it IS illegal to deer hunt with a centerfire rifle, but the law specifically states that any caliber rifle or handgun can be used for legal game on private property with the exception of whitetailed deer ! Now the officer informs us that "use of a high powered centerfire rifle was illegal in Ohio, and that he had already confiscated the ammo from 3 other hunters that day" ! I then asked him if he had taken their ammo, why didn't he take the rifles too. And also, what proof he had that it was illegal to use such rifles. He then informs me that he had to go to another state just to shoot his high powered rifle ! Well, I just happened to be carrying a copy of the Ohio game laws in my back pocket at the time - it's a small booklet they give you with your hunting license !

So, I told him I had proof that he was wrong, and that he illegally confiscated those hunters ammo ! And he had the nerve to tell me I was lying ! So, I pulled the book out of my pocket, looked up the part where it said that we could use the rifle on private property and let him read it. Well, he acted really suprised and stated that they must have just changed the law, to which I had informed him that the local game warden was a friend of mine and that I had groundhog hunted with him on several occasions and use a variety of centerfire rifles in doing so for several years ! I then took down the officers name and badge number and gave it to the game warden and told him of the incident. He called the sheriff's office, and I did too ! Well, to make a long story short, he was made to hand the ammo back over to the rightful owners, and given a good reprimand for his actions !

And before the animal lovers go off for shooting a groundhog, I don't just shoot them and leave them to rot in the field ! No animal is wasted ! They make a really delicious stew that rivals beef stew ! Actually, I like it better than beef stew ! YUM !

As far as radio operation in the park goes, I would show them a copy of

my license and explain the need for Amateur Radio communications during emergencies, and I would also make them show me the fact that a permit was required ! Then , I would explain to them that a cel phone was a radio device and ask them if a permit was needed for it's use also !

There are far too many control freaks in the world these days that think they know everything ! Sometimes it pays to check out what they say ! Some folks just love to abuse authority !

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
SW-20+, SW-30+, SW-40+, Norcal BLT, Yaesu FT-7, Homebrew 6V6 tube TX
QRP-L #2112, FPqrp #33, AR QRP, AmQRP, Ohio Valley Fists, MQFD #1
Monthly QRP Field Day info at : <http://www.smartgroups.com/groups/mqfd>
I'll give up CW & QRP when I'm dead ! MAYBE ! dididadidadah

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Date: Thu, 15 Jan 2004 18:26:4 -0600
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [165452] THANKS = help w/ZM-2 pictorial
Message-ID: <41200415160264906@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Wow, that was FAST. Several sent photos and diagrams, exactly what I needed. Thanks and GL.

73,
--Doc/K0EVZ

Date: Thu, 15 Jan 2004 18:31:59 -0600
From: applitech@mcg.net (Claton Cadmus)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [165453] Re: FYBO - temp scale
Message-ID: <4006DC9F.17482.113FDF4@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

I think the temp scale should be left where it is. And it's not that I don't live where it's cold, I'm in Minnesota! FYBO shouldn't encourage people to be out in temps that are dangerous. If it's going to be -20F in your area, work FYBO from a tent or a garage with a heater set to keep you at 20F and out of the wind. You get the all the temp multipliers that way without risking frostbite or worse. And remember dress for the weather and then some!

my 2 cents,

73 de KA0GKC

Date: Thu, 15 Jan 2004 17:31:17 -0700
From: "Chris Trask" <chrisrask@earthlink.net>
To: <svholm2@broadpark.no>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [165454] Re: Toroids and magnets
Message-ID: <029601c3dbc8\$0f2793e0\$30054bab@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

>
> I think I have seen warnings about not putting an antenna with a
> magnetic mount close to a rig with toroids, because the toroids would be
> permanently altered.
>
> Is this correct? and how close is too close for say my Elecraft K2? -
> and what happens physically to the coils? Does it happen both to
> ferrites and to iron-powder cores?
>

To change the permability of a toroid, you would need a magnet that would be strong enough to lift the vehicle. I wouldn't give it any

consideration.

Chris

```

      /-----\
      /  What's all this  \
      / extinct stuff, anyhow? \
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```

High Performance Mixers and
Amplifiers for RF Communications

Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: chistrask@earthlink.net
<http://www.home.earthlink.net/~chistrask>

Graphics by Loek Frederiks

Date: Fri, 16 Jan 2004 11:47:34 +1100
From: "Ian C. Purdie" <ianpurdie@integritynet.com.au>
To: SOC <soc@mailman.qth.net>, Sidebar <Sidebar@vk2tips.com>,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>,
Subject: [165455] Eyeball QSO with K4KSR
Message-ID: <400734A6.AED86624@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Tomorrow, Saturday our time, Carolyn and I will be having an eyeball QSO with Bill Cunningham K4KSR and his lovely wife Charlotte.

Bill and Charlotte will be concluding a two week cruise which terminates in Sydney.

Unfortunately, Sydney's normally fine weather will be cloudy and rain owing to the tail end of a tropical cyclone over Queensland. On the other hand the needed rain is most welcome in all areas. Pity they couldn't have had a glorious fine summer day. At least it won't be hot and humid.

Bill decided against taking a rig on the cruise ship because it would probably

entail more trouble than it was worth and also I think Charlotte needed a good holiday.

Photos on web site when I return from Sydney on Monday.

72/73's

Ian C. Purdie

Budgewoi N.S.W. Australia - Co-ords S33 14', E151 34'

VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 FP#91

<http://www.electronics-tutorials.com/>

Date: Fri, 16 Jan 2004 01:51:23 +0100 (CET)
From: dl6aaf@t-online.de
To: qrp-l@lehigh.edu
Subject: [165456] Fwd: 16th HOT-PARTY's Visitors's Book
Message-ID: <200401160051.i0G0pNu01178@joringel.privnet.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

From: DJ7ST @ DB0ABZ.#NDS.DEU.EU
QRP-Contest-Community (qrpcc)
c/o Dr. Hartmut Weber, DJ7ST
Schlesierweg 13
D-38228 SALZGITTER

10th Jan 2004

Dear homebrewers and boatanchor aficionados,

following the just posted results here are the

Entries Made Into The 16th HOT-PARTY's Visitors' Book

Propagation was acceptable, despite high geomagnetic activity. The solar wind "blew" with about 800km/s, normally 350-400km/s. Worked only 5 stations on 80m, no surprise - I have no 80m-antenna, used a force-matched delta-loop instead (DL9ZEA)

Again a quite good and international attendance. After the support at

one end of my antenna fell victim to a chainsaw I congratulate all who managed to read my QRP signal (DL6AAF)

The sound of history was very much in evidence. Got on air without smoke signals, even though the 6V6 gets very hot in type A operation. But then there's a "HOT" in the event's name, hi (OE8GBK)

...one should wipe the dust off the old boxes more often... (DL2JRM/DK0XB)

Curiously, stations further away were easier to work than those nearby. Unfortunately there were few new participants (DL5JAN)

Thank you for the efforts in the interest of our mutual hobby. My family left over almost no time for the contest, sri (DL7UWE)

Could not take part any longer, SRI (OK2BTT)

An excellent test for my OAK HILLS RESEARCH SPIRIT (DK6JK)

Unconditionally wanted to use a TX with valves (which got finished not quite one day prior to the HOT-PARTY), something I had in mind for a long time. All went well and the party was real fun! (DL1ARH)

The SM-test made a lot of trouble (DL2BQD)

Rig was a reanimated TRX, built by Otto, DM2BGA in the early 70s. Ua=600v (doubled mains voltage) (DL6KWN)

The old rigs still produce signals as nice as those from modern rice-boxes. Wonder whether today's PCs will be usable 30 years hence... (DK2SJ)

Nice to work the QRP boys and the old rigs...surprising the old rigs are still working so well (OZ5DX)

Glad there is a HOT-PARTY and a testing ground for homebrew rigs (DL1JGA)

Plugged my "boxes" together in lots of joy of anticipation. All went according to plan. By the time I throw the tx/rx-switch the "digital testers" are already keying the figures, hi. Thus times are changing (DL9QM)

Hard local QRM - less QSOs (LZ1IQ)

My first Contest (DG3WB) (And the first "Class-C-Licensee" in the HOT-PARTY! Welcome and may many more follow! DJ7ST)

Many old acquaintances took part again, others I missed. Some new call signs were heard in compensation (DK3UZ)

Sometimes I didn't feel comfortable, those 30 years could be the reason. With my FT-277 I would be able to handle fast HOT-traffic, too... (DJ7RS)

A good rig, no propagation: I participate (F8CB)

Unfortunately not the only contest at this time, quite a crowd. Running 1w into a GPA unsuitable for DL work I often wasn't heard. (DL1KSW)

Antenna works fb on 40m. The MT contest wasn't much of a nuisance. Was fun again. So the new QTH is fine, too (DK6SX)

6m of vertical antenna weren't enough on 80m after all (DL8LRZ)

No bad, considering 5w and a "buried" (balcony mounted Microvert) antenna. But lovely old signals... (DL2JGT)

The HOT-equipment endured fb again (DL5ST)

CW = amateur radio's heartbeat (DK7JZ)

A pity there are much too few class A stations... On 80m it was tedious from "up here". Lots of fun just the same (LA0CX)

Headphones on. T/R switch rattles with S9... (DL90E)

Nice party, lots of stns, enjoyed it vy much (DF20F)

Conds were good. Paused to trace a fault: one RV12P2000 gave up its ghost. Shortly thereafter the Bug dismantled itself into its discrete parts (DL00G/DJ2GL)

Many thanks for inviting me to join the party. Was fb (DL3ARH)

Delightful the high level of attendance, esp. class C...and many thanks for sponsorship, log checking and keeping up the good work... (DJ7TE)

I must have been the only "G" (Didn't hear any!). Much QRM on both bands. Condx poor. (But) an enjoyable party, as usual (G3VDL)

The SM-test made a lot of trouble (DL2BQD)

...got home too late. Therefore caught only the tail end of 80m. A pity, but I was there at least! (DL1EH)

The old rig, which usually sits in the cellar, refused to transmit at first, only PA idle current, the reason for almost no 40m QSOs. Only after moving all switches to and fro violently was there any rf power. Will test earlier next time (DJ5KZ)

...fun again to be part of it and meeting long-known calls again (OE6WTD)

Unfortunately visitors cut the HOT-Party short somewhat... (DJ4VP)

It was great fun to attend HOT again after a long time...80m signal not clean, had to QRT inbetween (DL7UGN)

...had fun as always - tks to the sponsors (DJ3KK)

Conds were fine! Tried new 6-band trx. The rx had no problems with the crowd of stations, so neither had I (DL0VLP/DF6MS)

The trx has a few other flaws, but I wanted to participate in this oldtimer party, i.e. attendance is important... (DL8WGS)

My oldies can't keep up with trx from 1960-1973.
This reduces the attraction (DK1JU)

Had not much time due to visitors... (DL1RNN)

Took part for the first time, had lots of fun. Fascinating, how some oldtimers sound (DL2WRJ)

I have constant industrial QRM ...every day including weekend (LZ1FJ)

I'm already looking forward to the next HOT-Party (DJ8BD)

Me too! 73 "Hal", Hartmut, DJ7ST

Me three! 73, Eddi, DK3UZ (= the translator from DL into G, mni tks!)

Date: Fri, 16 Jan 2004 01:49:29 +0100 (CET)
From: dl6aaf@t-online.de
To: qrp-l@lehigh.edu
Subject: [165457] Fwd: Results 16th HOT-PARTY
Message-ID: <200401160049.i0G0nUY01170@joringel.privnet.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

From: DJ7ST @ DB0ABZ.#NDS.DEU.EU

QRP-Contest-Community (qrpcc)
c/o Dr. Hartmut Weber, DJ7ST
Schlesierweg 13

10-Jan-2004

D-38228 SALZGITTER

Dear friends,

the QRPCC presents the

Results of 16th HOMEBREW & OLDTIME - EQUIPMENT - PARTY (16-Nov-2003)

CALL		ALL	40m	80m	TX ; RX
CLASS A					TX & RX Homebrew or > 30 years old
-----					-----
1	OZ5DX	329	166	163	Drake T-4XB / R-4B
2	DL6KWN	287	176	111	HB TRX 80/40/20m, IF 9 MHz, PA SRS4451
3	DJ7TE	247	131	116	Collins 32S-2 (1960) ; Collins 75S-3C (1968)
4	DJ8BD	198	129	69	HB TRX, 9MHz IF, PA 2x2SC1972; 20w out
5	OK2BPA	149	71	78	HB TX (PA GU-50) ; RX National HRO 5TA1 (1946)
6	DL00G	145	47	98	LO40K39 (VFO-PA) ; K ln E52b
7	DL9QM	143	86	57	CO-MXR-TR-PA (PL504) ; SH (pencil tbs)
7	F8CB	143	94	49	VFO+Q OSC-MXR-BFR-PA (TT21) ; Solid-Synthesizer
9	DJ9WH	113	54	59	Atlas 180
10	DK4EF	112	57	55	Geloso 222TR # 664 (1957); HW-100 #2615 (1968)
11	DL1UNK	105	46	59	Sommerkamp FL-200B + FR-100B (1965)
12	DF2SJ	101	101	0	DX-20 VX0 (1958) ; Siemens E566 (1964)
13	G3VDL	100	54	46	6AG7-5763-807 (1956) 60w; Eddystone 888A (1959)
14	DK20B	99	46	53	SK010 (Rohde&Schwarz 1963); E311 (Siemens 1965)
15	DL9GWA	96	38	58	HW-101 (1972)
16	DK0XB	95	95	0	HB TX PA GU50, 40w ; KROT (USSR 1956)
17	DK1JU	81	0	81	SK10 (PA RL12P3), 30W ; KW.E.A (1940)
18	HB9HQX	78	50	28	EleCraft K2
19	DK7ZT	76	0	76	SB 301/401 (+ SB 600,-610,-620)
20	DL8WGS	73	35	38	SSH-TRX, IF 9MHz&200kHz,DR-PA = EL803+QQE06/40
21	DJ5KZ	55	9	46	FT-DX-500 (1968)
22	DL8LRZ	46	37	9	HB TRX 6 bds, IF 4433 kHz, PA 2x2SC2078
23	DJ7RS	15	0	15	Lo40K39 (VFO-PA) 1939; Lo6K39 (3-V-1) 1942
24	LZ1FJ	14	14	0	HB 3 tbs, 15w ; US9 (8tbs, USSR 1950)
25	DL9YSM	6	0	6	VX0-PA(BD135, FA 3/94) ; DC-RX (FA 5/02)
CLASS B					TX OR RX Homebrew or >30 years old
-----					-----
1	DJ9IE	191	99	92	Heathkit DX-60 (late 50ies?) + VF-1 (VFO)
2	DF0LB	88	46	42	Yaesu FR-100B (1966)
2	DL0ZZ	88	49	39	Sommerkamp FL-100B (1965)

4	DK0IBF	49	21	28	R-107 (SH 7 tbs, Royal Navy 1944)
5	DL1ARH	39	0	39	EF80-EL861-6P3C, 7w (80m)
6	DK4LP	28	0	28	CO-solo 40w input (807)
7	DK0SZ	21	0	21	PRX-80 (Fuchsjagd/ARDF-RX, DF7XU design)
8	DJ7ST	7	7	0	Phillips Philetta (1963)+ TE-15 Tradiper as BFO

CLASS C

QRP-TX (or -TRX) Homebrew or > 30 years old

1	DL0VLP	246	131	115	HB TRX; Premixer, 2nd IF 1.6 MHz, PA 2SC1306
2	OK1IF	218	134	84	HB TRX, 2x NE612, 5w
3	DK3UZ	208	96	112	EleCraft K2 # 2018
4	DL5JAN	195	91	104	Sierra
5	DL1JGA	174	87	87	Sierra
6	LA0CX	162	90	72	EleCraft K2 # 1826
7	DK6SX	137	92	45	HB TRX, IF 4 MHz, 5w
8	OE8GBK	130	70	60	Geloso VFO 4/101 (6J5, 6AU6, 6V6)(1962) 4w
9	DL2AWA	129	50	79	EF80-EF14-EL12N (4w, HB 11/03) ; HB SSH 7tbs
10	DL1AZK	125	54	71	ELB-TRX DJ3KK-design (CQ-DL 8 /99; S.664)
11	DL3ARH	120	0	120	HB TRX (FA 11+12/83; Y27NN/Y27WN design) 4.5w
12	DJ4VP	109	84	25	HB TRX, IF 8.8 MHz, 250 Hz xtal filter
13	DL1RNN	77	50	27	EleCraft K2
14	DL5ST	72	0	72	10 RT (USSR tank set, 1953)
14	DL9ZEA	72	59	13	SEG 15 , Funkwerk K penick (1973)
14	OE6WTD	72	46	26	40m: QRP14 (DK4SX+DJ6TE); 80m: HB-TRX+DL-QRP-PA
14	OK1DZD	72	31	41	80m: HB TRX "100 MAS" ; 40m: TRX BB02, PA BSY34
18	DF0IR	68	68	0	HB TX, PA BD135
18	DL7UGN	68	50	18	VFO-PA (ECL 11) 4w
20	DL8GN	66	45	21	HW-9
21	DJ3KK	62	62	0	ELBC (DJ3KK design, SPRAT 94)
22	DL4LBB	59	59	0	ELBC 20/40 (DJ3KK design, SPRAT 94)
23	DL1ARH	58	58	0	EF80-EL861-6P3C, 3w (40m)
24	DL6AAF	52	41	11	Sierra 2.5w
25	DF20F	49	49	0	Heathkit HW-9A
26	DG3WB	48	17	31	QRP 99 (KNE-Kit)
27	DK6JK	46	46	0	OHR-Spirit , QRP 40m
28	DL2WRJ	44	22	22	EleCraft K2 #2857
28	OM7PY	44	44	0	VHF-TRX + Transverter, 5w
30	OK2BIK	41	0	41	HB TRX "Bartek", PA KU601, 4w
31	DK7JZ	40	40	0	HB TRX, 4 MHz IF ladder filter, DK6SX design
32	LY2LF	35	26	9	HB TRX, 5w
33	DL2BQD	33	33	0	EleCraft K1
34	DL1KSW	31	31	0	NorCal 40A
35	DL4LAC	30	30	0	ELBC (DJ3KK design, SPRAT 94)
36	DL9OE	28	28	0	HB TRX, PA BD135, 2.7w
37	DL7UWE	27	5	22	HB TRX, IF 4 MHz, 2-3w (QRP-Report 2/02)
38	LZ1IQ	23	23	0	HB TRX IF 9MHz, VFO 5-5.5 MHz; PA 2xKT904A
39	DL2JGT	18	18	0	Spatz (Sparrow) 40m (DK1HE design)

40 DF0GIF 15 15 0 HB TX, PA BD135, 4w
41 DL1EH 12 0 12 VFO-BU-PA (5763), 8w input
42 OK2BTT 9 9 0 3 tbs: VFO-FD-PA (EL83) ; 7 tbs (HB 1948)

(HB = homebrew; TRX = transceiver; IF = intermediate frequency;
SH = superheterodyne; FD = frequency doubler; FA = "Funkamateur"-magazine)

Checklog HA3PT

- - - - -

Comment:

An altogether satisfactory number of participating guests enjoyed the quite good condx. And there were no complaints citing improper conduct at the Party.

Party guests are expected -apart from showing ham spirit- to research and state the age of their party outfit by themselves. And please be more specific than just mentioning e.g. a "HB TX, PA BD135". Always welcome: Reports of success, and also of trouble shooting during the PARTY.

The host is worried about the falling number of guests from outside German speaking countries. About 2002 it dramatically dropped to half its amount. Here non-sent info letters made themselves felt. Obviously there are less trendy e-mailers and downloaders among the fiddly restaurators outside DL. And unfortunately in other countries the amateur radio medium Packet-Radio plays a lesser role. One OM wrote: "The e-mail address (sic) DJ7ST@DB0ABZ did not work".

Experts continue to be surprised by the poor participation in class B. There certainly are lots of unique specimen of ancient transmitters and receivers, or homemade witnesses of one's amateur radio career collecting dust in cellars, garages and lofts. How sad to leave these resources unused in the HOT-Party! Don't be afraid of T/R-switching complications! You often can circumvent them by using a separate auxiliary rx antenna. On 80 and 40m often a few meters of indoor wire will be sufficient.

Have lots of joy with the old boxes and homebrewing in the new year!

73/2 de "Hal", Hartmut, DJ7ST

Date: Thu, 15 Jan 2004 16:59:18 PST
From: James R Giammanco <n5ib@juno.com>
To: leon_heller@hotmail.com, qrp-l@Lehigh.edu
Subject: [165458] Re: Toroids and magnets
Message-ID: <20040115.194739.4519.0.n5ib@juno.com>

On Thu, 15 Jan 2004 23:07:06 -0000 "Leon Heller"

<leon_heller@hotmail.com> writes:

>> I think I have seen warnings about not putting an antenna with a
>> magnetic mount close to a rig with toroids, because the toroids
>would be permanently altered.

This suggested an experiment:

I wound a few turns of #28 on a T37-2 (red) iron powder core and measured
it as L=2.2 uH, Q=135 with a Heath Q meter.

Then popped it onto a 3/8" diameter rare earth magnet and let it sit for
15 minutes. Removed the magnet and measured L=2.2 uH, Q=133.

Put the magnet back in contact with the coil and measured L=1.9 uH, Q=110

Removed the magnet again, L=2.2 uH, Q=132

Threw the core away.... just in case..... :^)) I'll try a ferrite
later and report if findings differ.

72

Jim N5IB

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Thu, 15 Jan 2004 17:18:02 -0800 (PST)

From: Tom Popovic <ki3r@yahoo.com>

To: k2pq@comcast.net,

Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [165459] Re: *** \$50 permit (per year) REQUIRED to operate Radio in NY
Park!!***

Message-ID: <20040116011802.14290.qmail@web60506.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

> > > While I was working K4YKI, a State Park Police
> comes up to me and
> > > asks if I had a permit. I said I wasn't aware

> that one was needed...
> > > He says the pole is to tall and tells me to take
> it down... I say
> > > ok... before I get to ask any more questions,
> he's gone. So, I pack
> > > up, get the W1FE, walk over to the Park office
> to ask why I need a
> > > permit and under what ordinance....Of course the
> St PD is gone (went
> > > home) and the Park Office employees have no
> knowledge...
> > >
> > > SO , I have to wait till the Main Park office is
> open to get some
> > > answers.
> > >
> > > More to come on this!
> > >
> > > all best Tom

Oh well Tom welcome to the new USA ...What you really
need is one of those "official" radio badges to flash
at the patrolman ...you know the one with your call on
it.

God Bless 73 Tom KI3R

=====

The common good was the claim and justification of every
tyranny ever established over men. Every major horror of
history was committed in the name of altruistic motive...
Actors change, but the course of the tragedy remains the
same. Ayn Rand 1943

Do you Yahoo!?

Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes
<http://hotjobs.sweepstakes.yahoo.com/signingbonus>

Date: Thu, 15 Jan 2004 19:32:25 -0600
From: "Nick Kennedy" <wa5bdu@tcainternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [165460] PSK-31 software?
Message-ID: <004001c3dbd0\$98d56bf0\$0400000a@wa5bdu>
MIME-Version: 1.0

Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hope this question hasn't been wrung out in QRP-L too many times recently ...

One of these days I need to get with the program and give PSK-31 a shot. What software are you guys liking?

Advantages of commercial over freeware packages?

I note some guys are using sound card spectrum displays to do other neat things like examine filters, measure frequencies and so on. Can the one you're using do that? Some time ago I used a summer to add two audio frequencies for a two-tone test generator and thought I heard IMD. Would the software show me that?

Some PSK-31 packages do logging and some logging packages do PSK-31. How well does your favorite do either or both?

Running WIN-2000 here.

72--Nick, WA5BDU

Date: Thu, 15 Jan 2004 20:42:25 -0500
From: "Michael Bower N4NMR" <bowerm@ix.netcom.com>
To: "Qrp-L" <qrp-l@lehigh.edu>
Subject: [165461] FS: various
Message-ID: <ODE0IKLMAJFGCNMOGAGIENKEHAA.bowerm@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have the following for sale:

- 1) PSK80 Warbler - built - works FB last time it was powered up - asking \$50 shipped CONUS.
- 2) NJQRP Sniffer from Atlanticon 2003 - unbuilt - asking \$15 shipped CONUS.
- 3) NoGaWatt - dual meter SWR/Watt meter - unbuilt - asking \$20 shipped CONUS.

- 4) NJQRP FB-40 AMP kit - unbuilt - asking \$10 shipped CONUS
- 5) Ft Smith Keyer/Paddle kit - unbuilt - asking \$10 shipped CONUS
- 7) SWL FreqMite kit - unbuilt - asking \$20 shipped CONUS

All will be shipped regular mail. If you want USPS Priority, a \$3.00.

I accept PayPal, check, M.O., first born child (only if you're paying room/board and college costs <grin>)

Michael Bower N4NMR

Date: Thu, 15 Jan 2004 20:34:13 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <lmairs@direcway.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [165462] Re: *** \$50 permit (per year) REQUIRED to operate Radio in NY Park!!***
Message-ID: <007401c3dbd0\$f3b4d1a0\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Only on Long Island could they come up with a scheme like this.
Frankly, I
> can't believe it is legal for the LISPC to require a permit to operate a
> Federal Communications Commission licensed amateur station on LISPC
grounds.
> What is to prevent the Town of Babylon, Suffolk County or any other
agency
> to require similar fees to operate mobile in their jurisdictions?
>
> Please don't buy the permit. Write the FCC and your federal
representatives
> first.

Well, after reading more about this, I think the issue is NOT the radio as such, but the antenna. I mean, in the original post, mention was made

of the antenna being 'too tall' by the police officer. I wouldn't be surprised if the 'permit' was a formalized thing designed to 'manage' setups like field day or other 'come in and set up' kind of situations, not the casual user. More than likely, it's just poorly drafted, and by CONSTRUCTIVELY contacting the people in charge, you may be able to get it corrected.

On the other hand, I can sympathize with the 'only in Long Island' comment. I can apply that logic to some other things around here as a feel good too!

As to the 'show your license' crowd. Come on, are people that dense that they think their license is a permit to be an idiot? Really, that's a great way to challenge the authority of the police!

Date: Thu, 15 Jan 2004 18:08:31 -0800
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [165463] Re: New Altoids Ad
Message-ID: <20040116020831.GC15170@bob>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Thu, Jan 15, 2004 at 04:54:51PM -0500, Howard Kraus wrote:

> Also tried the Altoids gum. The tin could make a dandy LED pocket light.
> The gum is actually more palatable than the mints.

Does anyone remember when the flavor of chewing gum used to last more than 2-3 minutes? Altoids gum is no different, although it is quite intense at the beginning. Or are my taste buds just getting old?

The tin is nice and should be good for some sort of project.

Bob, N7XY

Date: Thu, 15 Jan 2004 21:43:46 -0500
From: "Ken Newman" <n2cq@dandy.net>
To: "List QRP-Canada" <qrp-canada@neale.gpfn.sk.ca>,

"K8NI Norm Into" <normk8ni@neo.rr.com>,
Subject: [165464] [CONTEST] N2CQ QRP Contest Calendar Jan 17-31, 2004
Message-ID: <002601c3dbda\$947e8960\$a7e980d1@kensdell>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

~~~~~  
N2CQ QRP CALENDAR  
JANUARY 17-31, 2004  
~~~~~

40 METER FOXHUNT - Wednesday 0200z to 0400z (Tue eve USA)
Info: <http://www.cqc.org>

Truffle Hunt - 30 min before Fox Hunt
Info: http://fpqrp.com/pig_hunt.html
~~~~~

070 Club PSKFEST Contest ... QRP Category  
Jan 17, 0000z to 2400z  
Rules: <http://www.podxs.com/html/pskfest.html>  
~~~~~

Michigan QRP Club Contest (CW) ... QRP Contest!
Jan 17, 1200z to Jan 18, 2359z
Rules: <http://www.qsl.net/miqrpclub/contest.html>
~~~~~

LZ OPEN CONTEST (CW 80M/40M) ... QRP Category  
Jan 17, 1200z to 2000z  
Rules: <http://www.qsl.net/lz1fw/lzopen/index.html>  
~~~~~

North American QSO Party (SSB) (100w max. QRP Entries Noted)
Jan 17, 1800z to Jan 18, 0600z
Rules: <http://www.ncjweb.com/naqprules.php>
~~~~~

Run For The Bacon (CW) \*\*\* QRP Contest \*\*\*  
Jan 19, 0100z to 0300z  
Rules: <http://fpqrp.com>  
~~~~~

CQ WW 160-Meter DX Contest (CW) ... QRP Category
Jan 24, 0000z to Jan 25, 2359z
Rules: <http://www.cq-amateur-radio.com/awards.html>
~~~~~

UBA DX Contest (Belgian) (SSB) ... QRP Category  
Jan 31, 1300z to Feb 1, 1300z  
Rules: <http://www.uba.be>  
~~~~~

Thanks to SM3CER, WA7BNM, N0AX(ARRL), WB3AAL and others

for assistance in compiling this calendar.

Please forward the contest info you sponsor to N2CQ@ARRL.NET and we will post it and give it more publicity.

Anyone may use this "N2CQ QRP Contest Calendar" for your website, newsletter, e-mail list or other media as you choose.

(Include a credit to the source of this material of course.)

72 de

Ken Newman - N2CQ

N2CQ@ARRL.NET

<http://www.amqrp.org/contesting/contesting.html>

<http://www.n3epa.org/Pages/Contest/contest.htm>

Date: Thu, 15 Jan 2004 21:55:21 -0500

From: "Brian Murrey" <brian@iquest.net>

To: <brickle@pobox.com>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [165465] Re: *** \$50 permit (per year) REQUIRED to operate Radio in NY Park!!***

Message-ID: <015101c3dbdc\$2ec2c3f0\$02fea8c0@bjmw2k>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Display your ARRL membership logo and tell them you're affiliated with the Department of Homeland Security.

----- Original Message -----

From: "Frank Brickle" <brickle@pobox.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Thursday, January 15, 2004 5:06 PM

Subject: Re: *** \$50 permit (per year) REQUIRED to operate Radio in NY Park!!***

> Sometimes it helps to have ARES/RACES identifying material
> in a conspicuous place. It's all part of emergency
> preparedness, after all. Tell people that and they'll often
> leave you alone.

>

> You could probably start an interminable thread here on the
> bureaucratic difficulties people have experienced trying to

> operate from the field. (Or getting *to* the field with your
> gear, especially if you fly on a commercial carrier, lately.)
>
> Some places they don't even give you a second look because
> there are hams crawling out from under every rock and have
> been for years -- Mt. Greylock in MA or High Point in NJ,
> places like that. Occasionally there are even rangers who
> are hams.
>
> Other places, 80% of the onlookers come up and ask if you're
> a storm chaser. This is especially amusing when it's a
> completely clear, sunny day.
>
> OTOH last fall I was participating in the SET and got
> visited by three different sets of peace officers (park,
> township, state), and they'd all been notified officially
> about the exercise weeks in advance anyway...
>
> 73
> Frank
> AB2KT
>
> John J. McDonough wrote:
> > I would have a copy of the communications act handy, with a bookmark
on
> > sec.333. And of course, as Bob points out, a copy of your federally
issued
> > license...
>
>
>

Date: Thu, 15 Jan 2004 21:56:37 -0500
From: "Brian Murrey" <brian@iquest.net>
To: <dick@pascoes.plus.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [165466] Re: ARCI Announcement
Message-ID: <015d01c3dbdc\$5c8b58b0\$02fea8c0@bjmw2k>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Excellent!! QRP ARCI continues to be one of the best QRP organizations

in the world.

72

----- Original Message -----

From: "Dick" <dick@pascoes.plus.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Thursday, January 15, 2004 5:22 PM

Subject: ARCI Announcement

> Folks:

>

> Following the recent 'take-over bid' you will have heard that we have
> a

> new President of QRP-ARCI; Dick G0BPS. The new Vice President
> is Ken Evans W4DU a long standing and well respected member of the
> club.

>

> As we took office with effect from 1st January it meant that there
> were

> two places vacant on the Board of Directors.

>

> I am delighted and honoured to announce that Bill Kelsey N8ET and
> Ed Hare W1RFI have been appointed by the membership and approved
> by the B.O.D. They both have taken office with effect from 1st January
> 2004.

>

> I take this opportunity to thank Joe Spencer for his work over the
> past 2

> years and welcome to the Board two excellent members.

>

> We now have a superb B.O.D. working for ALL QRP'ers.

>

> Dick Pascoe G0BPS

> President QRP-ARCI. (QRP-Amateur Radio Club International -
> www.qrparci.org)

>

> Fishing is the closest thing to doing nothing at all, without getting
> into

> politics.

> All mail from me is checked by Norton before posting and is
> (hopefully)

> Virus Free.

>

>

>

>

Date: Thu, 15 Jan 2004 21:00:02 -0600
From: "John Cook" <otterc@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [165467] FS:Yaesu FT-70G hf backpack radio
Message-ID: <410-220041516302555@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

I have decided sell my FT-70G hf pack radio, I've had many great QRP contacts ssb with this rig, kayak mobile and pedestian mobile but recently got a Vertex VX-1210 pack radio so have decided to pass the FT-70G on to some one else to enjoy.

Photos and details at www.muttmotorpool.com/FT-70G.html

please reply directly to me with questions

73/72

John Cook
kd5sje

Date: Thu, 15 Jan 2004 20:04:47 -0700
From: "Thomas Kuehl" <ac7a@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [165468] FOX: AC7A Jan 13th Preliminary Results
Message-ID: <002901c3dbdd\$7fe16880\$120110ac@texas6oef4glwm>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy,

Here is my preliminary log for the January 13th FOX hunt. The RST listed is that sent to the FOX.

Please send me any corrections as soon as possible.

Thanks, Thomas - AC7A (Tucson)

TIME CALL RST SPC NAME PWR

0200 N9NE 559 WI TODD 5
0201 KK5LD 559 TX DON 5
0202 N4ROA 559 VA DAN 5
0202 K3PH 559 PA BOB 5
0203 KB9YIG 559 IN TONY 2

0204 N1FN 559 CO ET 5
0205 N0DT 559 MO DAN 5
0206 KL7V 559 OK SAM 5
0207 KG6CYN 559 CA TREV 5
0208 NK6A 559 CA DON 5

0209 K6VNX 599 CA ARLEN 5
0209 W5TB 559 TX DOC 5
0210 N3BJ 559 VA ALAN 5
0211 K5UV 559 OK MIKE 5
0211 AC5JH 559 OK TOM 5

0212 N9AU 599 WI RON 5
0213 VA3RF 579 AB EARL 5
0214 W5YR 559 TX GEORGE 5
0215 WB4X 559 NC BRENT 5
0216 K5JHP 559 TX BILL 5

0217 K9ARZ 559 IL LARRY 10
0219 VE6JAZ 559 AB ROB 5
0219 K0LOA 559 TX DWAIN 5
0221 K6XR 599 CA REGGIE 5
0222 AA50 559 LA VERN 5

0222 K5DW 559 TX DON 5
0223 WA8BXN 559 OH MIKE 5
0224 K5EOA 559 LA WAYNE 5
0225 W0PWE 579 IA JERRY 5
0226 K7JUB 599 AZ AL 5

0227 AG0T 559 ND TODD 4
0229 K6IA 559 CA WARD 5
0230 K0MAX 559 MN MAX 5
0231 KQ5U 559 TX TERRY 5
0232 K3ESE 559 MD LLOYD 5

0233 K8KFJ 559 WV GARY 5
0234 KG0PP 559 CO JIM 5

0235 N4DD 559 TN DENNIS 5
0236 WA5BDU 559 AR NICK 5
0237 KT5V 559 TX DAVID 5

0237 WB8YYY 559 MD CURT 5
0240 KD5UDB 549 LA CHRIS 5
0241 KB2FEL 559 WV BOB 5
0242 W0UFO 559 MN MERT 5
0243 K3RXM 559 PA FRANK 5

0244 W5USJ 559 TX CHUCK 5
0245 NV4V 559 KY PETE 5
0246 W0ANM 339 MN CHRIS 5
0247 W4NJK 559 CA CHARLIE 5
0248 AJ4AY 559 AL JAY 5

0250 W9XT 559 WI GARY 5
0251 N0JRN 559 MO JERRY 5
0252 K0UU 559 MN JEFF 5
0253 W0RSP 559 SD ADE 5
0255 K9TJL 559 IL TJ 5

0256 WA9TZE 579 WI JIM 5
0258 K2PQ 559 NJ FRANK 5
0259 K5ZTY 559 TX BILL 5
0300 KC1FB 559 CT JIM 5
0301 AF4LQ 559 KY MIKE 5

0302 W7GB 559 WA DON 5
0303 W2LJ 559 NJ LARRY 5
0305 N5YFC 559 AR LARRY 5
0306 KP4KGR 559 PR FRANK 5
0308 W9XU 559 WI LON 5

0309 NK9G 559 WI RICK 5
0310 N9AW 559 WI JERRY 5
0311 N1TP 559 FL TOM 5
0313 K9IS 559 WI STEVE 5
0314 K7HBN 559 WA GEORGE 5

0316 W7AQK 599 AZ DAVE 5
0318 AB9CA 559 IL DAVE 5
0322 AG4PJ 559 AL DAVE 5
0327 AK5X 439 TX BILL 5
0328 KG4LDY 559 VA JIM 5

0332 WE9K 339 IL GLENN 5
0333 WA8HSB 579 AL JOHN 10

0337 KJ0C 559 MO JIM 5
0341 W8YMO 569 OH LARRY 3
0343 N0AR 559 MN SCOTT 5

0345 VE3ELA 339 ON KEN 5
0349 VE7HHH 559 BC BLAIR 10
0351 W8RU 559 MI RON 5
0353 K0PC 559 MN PAT 5
0357 K5SR 559 TX DALE 5

0358 WA8ZBT 339 TX DENNIS 5
0400 VE4WI XXX MB FOX 5
0400 AC7A XXX AZ FOX 5

Date: Thu, 15 Jan 2004 22:04:27 -0500
From: "JBCrafts" <jbcraft@adelphia.net>
To: <nkennedy@tcainternet.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [165469] RE: PSK-31 software?
Message-ID: <AGEJJBFLLPMLHMOECFDINOAEHMEKAA.jbcraft@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

asking for the "best" psk31 software is like asked for the best pair of undershorts... it is what fits YOU best.

Depends a lot on your computer. Digipan, especially the older versions work best on older slower computers... and considering that PSK31 software does take a real toll on the processing and works the CPU hard. Hamscope supports multi-mode, but it is a real toss up between pay and free... MixW costs US\$, and has lots of features... but Ham Radio Deluxe is a suite of programs, one is Mapper, the other is Ham Radio Deluxe, and of course, PSK Deluxe.

HRD is a rig control program, really slick, works with just about EVERY rig that has CAT/CI-V control.

HRD is not shareware, it is FREEWARE. The author of HRD is extremely open to additions and changes too.

Check out www.qsl.net/wm2u for most software,
<http://www.kns.ch/sysgem/hb9drv/index.htm> for HRD.

Bob K8YS

Date: Thu, 15 Jan 2004 21:08:11 -0600
From: "John Cook" <otterc@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [165470] RE: Disappointing QSOs last night
Message-ID: <410-2200415163811838@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Hi John and all,

For the friendliest of SSB QRP contacts try the hfpack calling freq's 14.34250 and 18.15750 (most active) These freq's are populated with QRP , pedestrian mobile and other unusual mobile stations as well as high powered base stations that really enjoy contacts with QRP operators. Always friendly and helpful the hfpack bunch has provided much SSB QRP fun for me just about every day, last October I worked a friend in AZ on horseback from my kayak, on the lake here in AR.

I'm always up for a QRP SSB sked! just email me if you want to set one up.

10 meters was open today, had a very pleasant chat with W1FKD in Maine while I was taking a break from work and out pedestrian mobile.

Buck said he wasn't into QRP, but was happy and impressed to talk to a QRP pedestrian mobile station and said I was Q5 even though I didn't move his S meter.

72/73
John Cook
kd5sje
NW Arkansas
em26

Date: Thu, 15 Jan 2004 22:59:14 -0500
From: "John Paul Keon" <jpkeon@nc.rr.com>
To: <kc8aon@juno.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [165471] Re: *** \$50 permit (per year) REQUIRED to operate Radio in NY Park!!***

Message-ID: <012501c3dbe5\$1c4232c0\$6601a8c0@nc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I sure hate to get my \$.02 in to this; but,
I am sure the officer thought he was right. On the other
hand he might have had a bad day or a PMS day too. He might not
have known a thing about the law or what he was talking
about. As a retired law enforcement officer though, it is
best not to argue with him. Do question him though about
where the law is? What the statute number is, if he knows
it? And ask for his name and who he works for. Then ask
him to which office you can address some questions as you
feel he might be in error. If he cites you then you have your
proof to hand to an attorney. If he doesn't then you can go
look it up. Be cordial of course. That is the only smart thing
to do in this case.

To beat this, you can go to the web or to the park service for
the Long Island office, call them, or send an email and ask them
for the rules on that particular item. Then ask if it is for the
antennas for the activity.
If it is for the antennas then you might ask what size if permitted.
If it is for any activity get that in writing too.

We had to get a permit to operate from the Core Banks operation
we did there in '98 and '99. We plan to go down there again this
year and operate and will be getting a permit from them again
because it is required. They did not charge us but we did have their
permission and when the park ranger came up to check up on us
there with the 33' fishing poles and the ropes going everywhere we
explained what we were doing and he stayed and learned, and went
on his merry way. He did ask us a lot of questions about our kite
antennas and was amazed. He learned, we shared the wealth of
intelligence we could with him and he was happy. We had our five
days in the sun and it all went well.

When we go the state parks here to operate near Raleigh we
have to register and they let us put up the antennas in the trees and
they usually come to see what we are doing. It always amazes them
when I pull out the SMiTe and open up the Altoids tin and show them
the small radio and demonstrate it. WOW!!!
Then they go on their way and we have our fun and keep the happy too.
The long and short of it I think is that there is a communication breakdown
there in Long Island and you can mend it, fix it, and make it better if you
contact someone and get it all cleared up. Usually, they are worried you

are going to destroy the environment.

If you use the Boy Scout motto and explain to them that you will leave it as good as or better than when you were there, that usually appeases them. Try it and let me (us) know how it turns out. I would like to know in case I ever come back up to Long Island to operate.

JohnPaul/AB4PP NNNOUTV // ARS 504, ALQRP 490, ARCI 8566,
ARQRP 209, LIQRP 33, NJQRP 120, NEQRP 617, Knightlites,
FP 724, SOC 403, FISTS 10261, SOWP 4759V, QCWA 31872,
GERATOL 2242, YLISSB 8308.

Date: Thu, 15 Jan 2004 21:29:14 -0700
From: "Chris Trask" <chrisrask@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [165472] Re: Toroids and magnets
Message-ID: <00a001c3dbe9\$4c9e1fc0\$cb024bab@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

>
> > I think I have seen warnings about not putting an antenna with a
> > magnetic mount close to a rig with toroids, because the toroids
> > would be permanently altered.
> >
> > Is this correct? and how close is too close for say my Elecraft K2? -
> > and what happens physically to the coils? Does it happen both to
> > ferrites and to iron-powder cores?
> >
>
> To change the permability of a toroid, you would need a magnet that
> would be strong enough to lift the vehicle. I wouldn't give it any
> consideration.
>

I should have said to change it permanently. I only know of two ferrite materials, Ferronics "P" and "K" (both cobalt-nickle-zinc) which are known to be susceptible to permanent damage by high fields. Virtually all ferrites can be "pulled", which is the basis for transducers (current-controlled inductors). Powdered iron materials are virtually untunable by way of imposed magnetic fields as there are no minor and major poles as with ferrites. I pumped God-only-knows how many orstedes through a

Micrometals mix #4 toroid only to see no change at all.

Chris

```

      ,-----,
     /  What's all this  \
    / extinct stuff, anyhow? \
   \ -----,-----'
  _ | /
oo\
(--) \
      \  .  .
       \  '  '
        \  "
         \  ( )
          \  -| )__| :. \
           | | | | \ '
            c__; c__; '---'>.__

```

High Performance Mixers and
Amplifiers for RF Communications

Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: chistrask@earthlink.net
<http://www.home.earthlink.net/~chistrask>

Graphics by Loek Frederiks

Date: Thu, 15 Jan 2004 22:13:55 -0700
From: "Rod N0RC" <rc7039-hr@yahoo.com>
To: <nkennedy@tcainternet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [165473] Re: PSK-31 software?
Message-ID: <000001c3dbf0\$0d18a9e0\$6501a8c0@bigdog>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Nick,

----- Original Message -----

From: "Nick Kennedy" <wa5bdu@tcainternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, January 15, 2004 6:32 PM
Subject: PSK-31 software?

> Advantages of commercial over freeware packages?

>

None I can think of, other than your wallet will be lighter. :-)
Seriously, commercial SW will likely offer a tech support facility, and a bug reporting and fixing. But some freeware offers the same. One would have to look at specific offerings to draw any meaningful conclusions.

> I note some guys are using sound card spectrum displays to do other neat
> things like examine filters, measure frequencies and so on.
Can the
> one you're using do that?

Not very well. I don't care for "swiss army software" that does a lot of things OK, but does nothing well.

> Some PSK-31 packages do logging and some logging packages do PSK-31.
> How well does your favorite do either or both?
>

My PSK software does PSK pretty well, and logs the QSO.

I run Digipan. I works well with modest computers, and it is free. A good price for a casual PSK operator.

You could go off and spend a chunk of money on something, but what if you don't like it? Or don't like PSK? Why not just use Digipan and use it to decide if you like PSK operations. If so, then as you use Digipan, compile a list of what you like, dislike, want and need in a PSK software package. Once you've defined your needs, then you can go off and find a SW package fulfils them.

GL
73, Rod N0RC

Date: Thu, 15 Jan 2004 22:06:55 -0800
From: "DTX" <dtx@wood.tzo.com>
To: <qrp-1@lehigh.edu>
Subject: [165474] Re: PSK-31 software?
Message-ID: <004501c3dbf6\$f214e800\$0c00a8c0@home>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

As others have noted, a lot of personal preference and what feels good to you. I tried 7 or 8 different programs when I started a couple of years ago. Of the freewares, I settled on HamScope. Just recently I registered the MixW2 program. The reasons to go to MixW2 are small and mostly my personal likes. None of the packages are bad and none seemed to be any better at decoding or cleaner at sending PSK31 signals. Get any of the freeware packages, interface to your radio and start using it. Get a feel for operating in these modes. Then get 2 or 3 others and use them for a week or so. There is a full featured demo of MixW2 that runs for 15 days.

I would suggest getting Mix last or you may not notice the little features that many of us think make it worth registering. And besides, why spend \$50+ to find out you don't even like this mode? I think it is a great mode for one on one ragchews and situations where you need to run low power and/or less than ideal antennas. But if you are used to freewheeling roundtables on SSB or CW with break-in, you may find it a very frustrating mode.

OMHO
Gary WA6DTX

----- Original Message -----

From: "Nick Kennedy" <wa5bdu@tcainternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, January 15, 2004 5:32 PM
Subject: PSK-31 software?

>
> Hope this question hasn't been wrung out in QRP-L too many times
> recently ...
>
> One of these days I need to get with the program and give PSK-31 a shot.
> What software are you guys liking?
>
> Advantages of commercial over freeware packages?
>
> I note some guys are using sound card spectrum displays to do other neat
> things like examine filters, measure frequencies and so on. Can the
> one you're using do that? Some time ago I used a summer to add two
> audio frequencies for a two-tone test generator and thought I heard IMD.
> Would the software show me that?
>
> Some PSK-31 packages do logging and some logging packages do PSK-31.

> How well does your favorite do either or both?
>
> Running WIN-2000 here.
>
> 72--Nick, WA5BDU
>
>

Date: Thu, 15 Jan 2004 23:13:07 -0700
From: Chad Nelson <galahad@boisecenter.net>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [165475] qrp aprs Altoids friendly
Message-ID: <0D403632-47EB-11D8-B5DE-000A9570F152@boisecenter.net>
Mime-Version: 1.0 (Apple Message framework v553)
Content-Type: text/plain; charset=US-ASCII; format=flowed
Content-Transfer-Encoding: 7bit

Swung into the local club meeting last night "Voice Of Idaho" and met
Tony - N7MTZ with a neat new kit coming soon.

Plug your gps into an Altoid or Penguin mint tin and have up to
100 hours of aprs location tracking!

pricing will roughly be around \$89

<http://www.byonics.com/pockettracker/>

Usual disclaimers, no financial connection just Looks like a neat tool
for hiking, rescue or ballooning.

NO ADVENTURE WITHOUT ADVERSITY
Chad Nelson Boise Idaho U.S.A KD7FDU

Date: Thu, 15 Jan 2004 22:22:29 -0800
From: "Bill Linn" <wlinn@smgazette.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [165476] Another QRP Beacon 7.090 mghz
Message-ID: <000401c3dbf9\$33befc80\$d170ef42@wa7tqk>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Starting up at 06:30 Z and ending at 17:00 Z (1/16/04Z) on 7.090 mghz.
KB7SIK will be in BEACON mode. Please report power level of the beacon,
time of copy, and sig report to:

wlinn@smgazette.com

Will post results.

Thanks Bill

[SMGazette.com E-mail is scanned for viruses by Declude Virus]
[Visit us on the web at SMGazette.com]

Date: Fri, 16 Jan 2004 01:32:08 -0500
From: Michael Danchi <Infinite5ths@characterlink.net>
To: qrp-1@Lehigh.EDU
Subject: [165477] Re: THANKS = help w/ZM-2 pictorial
Message-ID: <40078568.6050506@characterlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Doc,

Did you get my email replies to your offer? I'm the
dorm-bound college ham.

73!

--

Michael F. Danchi, violinist

"Guardian 7" (KE4TSA)

Jeremiah 33:3 "Call to Me [God], and I will answer you, and I will tell you great
and mighty things which you do not know."

(NASB--bracket note added)

Date: Thu, 15 Jan 2004 23:37:15 -0700
From: "Bob Baxter" <rbaxter@cybertrails.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [165478] Re: PSK-31 software?
Message-ID: <007c01c3dbfb\$2fdb6ed0\$df552aa2@radiatoroom>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If you want a program with rig control features check out Zakanaka version 1.24. It has 36 macro buttons, most of which can be dedicated to changing bands, freqs, modes, etc.- and it is freeware. You can get it at <http://www.qsl.net/kc4elo/oldfiles.htm>
1.24 is an older version but newer versions work with Logger and aren't stand alone. I use MixW because of the many modes it supports but keep a copy of Zakanaka as a backup.

Bob Baxter AA7EQ
Bisbee, Az.

Date: Fri, 16 Jan 2004 01:41:39 -0500
From: w2bvh <w2bvh@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [165479] Re: Front end filters
Message-ID: <400787A3.40600@comcast.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Hi Guys,

Thanks for the short tutorial on front end filters. It was very timely since I'm over 1/2 way to a 2-meter - to - 20 meter downconverter. This info will help.

73,
Lenny W2BVH

BTW I'm doing it modular style on little slabs of copperclad and will also try a different L0 for a 2-meter - to - 10 meter version.

>
>
>

Date: Thu, 15 Jan 2004 23:51:28 -0800 (PST)
From: Tom Sevalt <n2uhc@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [165480] Re: PSK-31 software?
Message-ID: <20040116075128.43027.qmail@web9610.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Nick Kennedy <wa5bdu@tcainternet.com> wrote:

> One of these days I need to get with the program and
> give PSK-31 a shot.
> What software are you guys liking?
>

Personally I like WinWarbler. It's freeware and a fairly simple program to use. I've tried other programs but stick with it, probably mainly because I've gotten so used to it I just don't care to change. But it's a decent program, especially for the cost! :-)

=====
Tom Sevalt N2UHC
<http://www.geocities.com/n2uhc>

Do you Yahoo!?
Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes
<http://hotjobs.sweepstakes.yahoo.com/signingbonus>

Date: Thu, 15 Jan 2004 23:59:50 -0800 (PST)
From: Tom Sevalt <n2uhc@yahoo.com>
To: HF Beacon list <hfbeacons@explore.plus.com>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [165481] 30 meter beacon
Message-ID: <20040116075950.97508.qmail@web9608.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi all,

I just finished building my 30 meter beacon. Don't have a webpage up about it yet but hope to soon. I'll be operating it off & on (attended) in the future and will let everyone know when it's running. Frequency was originally supposed to be 10.140 but ended up on 10.146.

=====

Tom Sevalt N2UHC
<http://www.geocities.com/n2uhc>

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<http://hotjobs.sweepstakes.yahoo.com/signingbonus>

Date: Fri, 16 Jan 2004 01:21:04 -0800
From: John Rollins <kd7bcy@teleport.com>
To: qrp-l@lehigh.edu
Subject: [165482] FS: Selling my FT-817
Message-ID: <a06020404bc2d5a334551@[192.168.0.2]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

I thought I'd let you guys get first crack at it before I go to eBay. I hate to lose it, but I need the money. I'm selling my Yaesu FT-817. It's in good condition and comes with the following:
LDG Z-11 auto antenna tuner and a short patch cable to the radio
Yaesu YF-122C 500Hz CW filter
CT-62 CAT cable
Cigarette lighter power cable for both radio and tuner(one plug with two wires) - uses Radio Shack adaptaplugs.
Internal AA battery pack
FNB-72 NiCad pack
As well as the standard MH-31 mic, stock antenna, carrying strap, and instruction manual - and if I can find it, the original power cable as well. Oh yes, and my home-made PSK-31 cable - ugly and not isolated like it should be(i used it with a laptop), but it works - just add your own audio cables.

I'm asking \$600.

--

John Rollins | KD7BCY | <http://www.kd7bcy.com>
DALnet #Apollo_Domain | Ham-Mac mailing list <http://mailman.qth.net>

Date: Fri, 16 Jan 2004 10:33:08 +0100
From: "Sverre Holm" <svholm2@broadpark.no>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [165483] RE: Toroids and magnets
Message-ID: <002801c3dc13\$c07183e0\$8e00a8c0@Master>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: 7bit

> Threw the core away.... just in case..... :^)) I'll try a ferrite
> later and report if findings differ.
>

Wow, I owe you \$ 0.50 ;)

Sverre
LA3ZA

Date: Fri, 16 Jan 2004 05:23:40 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-l@lehigh.edu
Subject: [165484] Re: Toroids and magnets
Message-ID: <3.0.2.32.20040116052340.00852960@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Sverre,

I did some experiments with toroids and magnetic charging. Yes putting a magnet close to a ferrite toroid will change the inductance of a coil wound on it. Ferrites will retain a residual magnetism too. I did some experiments with toroid inductance. I wound a small winding of a few mH. Then I put many turns on for the DC control winding. By passing a variable current through the control winding you could change the inductance. Once

I turned on the DC, the inductance would not return to the original value. I had to use the AC field from my soldering gun to remove the residual magnetism.

This is not something new and there are many applications for this principal. The circuits are quite complex compared to my simple experiment though.

At 10:45 PM 01/15/2004 +0100, you wrote:

>I think I have seen warnings about not putting an antenna with a
>magnetic mount close to a rig with toroids, because the toroids would be
>permanently altered.

>

>Is this correct? and how close is too close for say my Elecraft K2? -
>and what happens physically to the coils? Does it happen both to
>ferrites and to iron-powder cores?

>

>Thanks!

>

>--

>73,

>Sverre

>

>-----

>Sverre Holm, LA3ZA

>www.qsl.net/la3za

>

>

>

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>

Date: Fri, 16 Jan 2004 07:00:56 -0600

From: John Oppenheimer <john@KN5L.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [165485] Re: *** \$50 permit (per year) REQUIRED to operate Radio in NY Park!!***

Message-ID: <4007E088.1040008@KN5L.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Transfer-Encoding: 7bit

This subject intrigued me some, so I tried to find some reference to the requirements somewhere in the WWW.

It just seemed so strange, because a FCC license is federal, and can not (I thought) be further controlled by state or lower government agencies.

I did find references to RC airplanes, a RC airplane museum, and some "radio free" fields in the park. I wonder if the permit has something to do with RC airplanes and the translation of the permit got distorted or misinterpreted.

John

Date: Fri, 16 Jan 2004 05:29:06 -0800 (PST)
From: Shawn Upton <kb1ckk@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [165486] Re: non-polarized electrolytic
Message-ID: <20040116132906.72129.qmail@web60404.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I've always wondered about that--wouldn't the cap that is in reverse voltage polarity (for that part of the cycle) be exposed to negative voltage at perhaps high current? It would seem to me bad... Perhaps a couple of properly placed diodes would protect?

I know this quickie solution works; but it goes against my better judgement. Anyone with some more know out there? Also: wouldn't this capacitance be somewhat non-linear? As in, once the reverse biased cap hits some charged state, will it stop charging and start passing current?

Now I've got a new question, now that I think of it--why do reverse biased electrolytics go pop when reverse biased? I know that lots of current will flow through; but is that because above some reverse bias they physically conduct, like a diode?

Shawn

--- ac7a@earthlink.net wrote:

>

>

> Larry,
>
> I believe as a temporary solution you can place 2
> polarized electrolytics in opposing series. In other
> words, take 2 electrolytics, each equal in value to
> the one you are replacing, and tie one common
> polarity together. Let's say you tie the two
> negative terminals together. Then connect each of
> the positive terminals to the 2 points where the
> original non-polarized capacitor connected.
>
> This probably has its pitfalls as a long-term
> solution, but I do believe it will allow you to
> check out your application. I have used this
> connection before and it worked fine. But if anyone
> knows why you shouldn't do this; please speak up.
>
> Regards, Thomas - AC7A (Tucson)

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Date: Fri, 16 Jan 2004 08:36:50 -0500
From: w2bvh <w2bvh@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [165487] Re: Front end filters
Message-ID: <4007E8F2.4030702@comcast.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Hi Guys,

Thanks for the short tutorial on front end filters. It was very timely since I'm over 1/2 way to a 2-meter - to - 20 meter downconverter. This info will help.

73,
Lenny W2BVH

BTW I'm doing it modular style on little slabs of copperclad and will also try a different L0 for a 2-meter - to - 10 meter version.

Date: Fri, 16 Jan 2004 08:40:50 -0500
From: Kevin Gunther <beeltee@optonline.net>
To: K2UD@adelphia.net,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [165488] Re: New Altoids Ad
Message-ID: <007101c3dc36\$5aca7bf0\$9b825643@cdghome>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

----- Original Message -----

From: "Howard Kraus" <K2UD@adelphia.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, January 15, 2004 4:54 PM
Subject: Re: New Altoids Ad

> Hi Keith
>
> During the holiday, I picked up the Altoids Trio Tin. It contains
> spearmint, peppermint and cinnamon 'toids. I can't stand the cinnamon
ones,
> the wife eats them up. Ying and yang.
>
> The tin is really cool, only saw it on eBay just before Xmas. I don't
know

Last St. Valentine's Day, I was given a tin of Altoids in the shape of a
heart. It's about 3 inches across at its widest point.
Just the thing to show how much you "love" QRP. Keep an eye out, they may
make another appearance this year.

Kevin

W1FWB

Date: Fri, 16 Jan 2004 08:45:24 -0500
From: k2zn@rochester.rr.com
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [165489] Re: *** \$50 permit (per year) REQUIRED to operate Radio in NY
Park!!***

Message-ID: <180209180d7f.180d7f180209@nyroc.rr.com>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-language: en
Content-transfer-encoding: 7BIT
Content-disposition: inline

What's even more interesting is that there is absolutely NO mention of such a permit/fee structure on the NYS Parks Dept. web site.

Al, K2ZN

----- Original Message -----

From: John Oppenheimer <john@KN5L.net>
Date: Friday, January 16, 2004 8:00 am
Subject: Re: *** \$50 permit (per year) REQUIRED to operate Radio in NY Park!!***

> This subject intrigued me some, so I tried to find some reference
> to the
> requirements somewhere in the WWW.
>
> It just seemed so strange, because a FCC license is federal, and
> can not
> (I thought) be further controlled by state or lower government
> agencies.
> I did find references to RC airplanes, a RC airplane museum, and
> some
> "radio free" fields in the park. I wonder if the permit has
> something to
> do with RC airplanes and the translation of the permit got
> distorted or
> misinterpreted.
>
> John
>
>

Date: Fri, 16 Jan 2004 07:02:16 -0700
From: "Chris Trask" <chrisrask@earthlink.net>
To: <w5usj@9plus.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Cc: <svholm2@broadpark.no>
Subject: [165490] Re: Toroids and magnets
Message-ID: <008701c3dc39\$5b5a5880\$61044bab@default>
MIME-Version: 1.0

Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

>
> Once I turned on the DC, the inductance would not return to the
> original value. I had to use the AC field from my soldering gun
> to remove the residual magnetism.
>

Which means that the change was not permanent, which is the question
that Sverre was asking.

>
> This is not something new and there are many applications for this
> principal. The circuits are quite complex compared to my simple
> experiment.
>

If you want to learn more about current controlled inductors
(transducers), I have an extensive bibliography on my web page at:

<http://www.home.earthlink.net/~chistrask/trnsdctr.html>

as well as an article I wrote for Applied Microwave & Wireless:

"The Forgotten Use of Saturable-Core Inductors (Transducers),"
Applied Microwaves and Wireless, Sep/Oct 1997, pp. 76-82.

Chris

```

      ,-----,
      /   What's all this   \
      / extinct stuff, anyhow? \
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```

High Performance Mixers and
Amplifiers for RF Communications

Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: chistrask@earthlink.net
<http://www.home.earthlink.net/~chistrask>

Graphics by Loek Frederiks

Date: Fri, 16 Jan 2004 10:05:32 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: svholm2@broadpark.no
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [165491] Re: Toroids and magnets
Message-ID: <4007FDBC.96D40C8@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sverre,

While I have never seen the warning you say you have seen, I would suspect it probably came about from the old practice of mounring "mag mount" antennas directly on top of CB rigs. There are "mag mounts" and there are "mag mounts"; the strength of their magnets varies greatly, from weak to strong. If they move around on ypur car when driving they are weak.

I wouldn't put one on top of any rig I own even though I would like to thing the manufacturer met some sort of environmetal spec before he shipped the unit! After all, they can't control the shi[[ing enviromnent once the rig leaves their assembly line!

As far as damage goes, unless you were using a VERY strong magnet I doubt you would notice it. And, the effect would only be temporary. The magnetic properties of ferrites are set by heat when they are made. Only a similar VERY HIGH heat or a strong shock will change them.

Bruce

Date: Fri, 16 Jan 2004 08:29:09 -0700
From: Dave Fuller <rfgdma@spinn.net>
To: qrp-1@Lehigh.EDU
Subject: [165492] Hams Win Permissive Tower height in NM!
Message-ID: <5.1.1.5.2.20040116082818.03240c30@mail.spinn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>The long battle for Amateur Radio antennas in Bernalillo County New Mexico
>may finally be over. Bernalillo County is the surrounding county for
>Albuquerque. After many years of fighting the battle for a reasonable
>process to obtain a building permit for 65 foot ham radio antennas we have
>finally succeeded.

>

>The following is a detailed play by play:

>

>On Wed, 14 Jan 2004, Michael Stuart wrote:

> > Louis Pasteur said that "Chance favors the prepared
> > mind." Chance favored the amateur radio community in
> > Bernalillo County last night at the County
> > Commissioner's meeting. Much of the credit for the
> > win in Bernalillo County must go to Dave Fuller WD7Z
> > who met with three out of the five commissioners and
> > prepared a technical document in support of amateur
> > radio.

> >

> > This is not a new battle. It has been going on for
> > over ten years. Bernalillo County has refused to
> > issue any permits for amateur radio towers since 1999.
> > Hams have tried to put up towers and have immediately
> > been introduced to the court system which has not been
> > entirely consistent or favorable.

> >

> > I have been going to these various meetings since
> > about 1999. I moved to NM the previous year thinking
> > that finally I would get to put up a decent amateur
> > radio antenna. Boy, was I wrong, but that is another
> > set of stories. In the battle for PRB1 in Bernalillo
> > County, Dave Fuller called upon his experience and
> > skills working for a cellular provider to work with
> > and convince three of the commissioners that what we
> > were asking for was necessary and reasonable. He was
> > able to meet with Commissioners Cummins, Armijo and
> > Brasher before the meeting of the Commission.

> >

> > Fast forward to January 13 at 5:00 PM. The meeting
> > started late. There were ten or more hams in the
> > audience and we were number 7 on the agenda. At the
> > start of the meeting, one of the first orders of
> > business was to move item 8 in front of us, so we felt
> > that we were going to be in for a long night.

> >

> > Fast forward again to about 6:45 or so. We are up.
> > The meeting has moved faster than we anticipated.
> > Speakers were called in order of signup on the list.
> > Speaking for amateur radio, we had: Dave Fuller, Bruce

> > Draper, Mark Bruggerman, Michael Stuart and James
> > Hanlon. We were given 2 minutes each to make our
> > cases. We had another game plan going in, but the
> > Commissioners set the rules of this arena. Speaking
> > against ham radio was one of the interveners in the
> > W6TER antenna case and our old friend Murry Bishop.
> >
> > We played by the rules. I spoke first only because I
> > was called on first by the Commissioners. I
> > represented the ADXA, URFMS, and NMPRB1. There was
> > one question about Homeland Security where I was able
> > to also identify myself as a member of ARES and RACES
> > and relate those groups to FEMA and DHS. Bruce Draper
> > spoke second discussing Contesting and QRP. Dave
> > Fuller covered a variety of relevant issues relating
> > to antenna height and also to the differences with
> > cellular towers. Mark Bruggerman spoke to antenna
> > height. James Hanlon spoke to the VHF line of sight
> > distances related to tower height. There were
> > questions of all the speakers which were handled with
> > skill and respect for the Commission.
> >
> > On the opposing side, the intervener in the W6TER case
> > spoke to his need to maintain his unobstructed view
> > and stated that hams did not need antennas taller than
> > 40 ft for any reason. Murry Bishop only dredged up
> > his recollections of testimony in another case over
> > ten years ago where he alleged that someone at some
> > time said that 40 ft would be OK. That was another
> > time and place and had nothing to do with the current
> > proceedings. Bishop ran over his time and was asked to
> > sit down. Later in the proceeding Bishop got up again
> > and started speaking without invitation and was
> > soundly reprimanded by Chairman Armijo.
> >
> > Commissioner Brasher offered an ammendment to the
> > current ordinance draft for 65 ft permissive heights;
> > 66-100 ft as conditional; and over 100 ft by variance.
> > There was discussion on the Commission. This was the
> > most tense time for the hams. Commissioner Rutherford
> > was clearly against an antenna height of greater than
> > 40 ft and supported the findings of the County
> > Planning Commission without question. Rutherford
> > tried to equate amateur radio towers to cellular
> > telephone towers and it affected the Commission's
> > resolve.
> >
> > Brasher offered another motion to table the issue. At

> > that time the County Manager intervened and said that
> > this issue had been discussed and rediscussed; studied
> > and restudied for twelve years. He also stated that
> > there were clearly two camps of those against and
> > those for changing the height and that those two
> > factions were not going to change their minds in
> > thirty days (or thirty years). He pressed for a vote.
> > Brasher withdrew his motion to table the issue.
> >
> > This was a roller coaster ride for the amateurs
> > sitting in the audience. We felt that we had made our
> > points. It was in the hands of the Commissioners. We
> > had support from Brasher, Armijo, Cummins, and
> > Griegos. Rutherford is the complete politician and
> > did not want to address the tough issue. In the end,
> > however they voted to approve the Brasher ammendment
> > and it passed by four in favor and one against. Then
> > they quickly voted to approve the amended ordinance.
> > By about 7:30 we had prevailed.
> >
> > I want to thank everyone that spoke, every ham that
> > showed up for this meeting and other such meetings in
> > the past, and others that have supported this effort
> > including the County Manager. But I want to thank
> > Dave Fuller WD7Z most of all for taking the time to
> > work with and discuss these issues with each of the
> > three Commissioners that would schedule a meeting with
> > him. I can point to that work as the final bit of
> > persuasion that finally achieved victory in this
> > fight. Chance favors the prepared mind, and in this
> > case the preparation and work before the Commission
> > meeting made the difference.
> >

Date: Fri, 16 Jan 2004 11:52:29 -0500
From: "Steve Blary" <steve@eclipsecat.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [165493] RE: *** \$50 permit (per year) REQUIRED to operate Radio in NY
Park!!***
Message-ID: <PPEIIGOHKOAKJAPHAODHGECPEOAA.steve@eclipsecat.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Reminds me of a lighthouse activation last year in Jupiter, Fl. The park I was at stated that it would close at sunset with the exception of the fishing jetty. Since I planned to stay later than sunset I setup picnic table portable next to the pier. about 9:30 pm the police show up and tell me to leave since I wasn't fishing. I said "yes, Sir", packed my stuff and left. I had contemplated showing him my "fishing pole" (st louis vertical) and explain that I was "fishing for contacts" but lessons learned earlier life reminded me that I should not question the officer on the location ...

72

Steve N1XC

Date: Fri, 16 Jan 2004 12:28:45 -0500
From: "Patrick Schwarz - KB8RTZ" <kb8rtz@comcast.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [165494] Re: More antenna questions.
Message-ID: <00b101c3dc56\$32453380\$48708318@ce1.client2.attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to those who responded. I appreciate your time and am taking into consideration your comments.

Patrick...KB8RTZ...

Date: Fri, 16 Jan 2004 12:32:57 -0500 (EST)
From: jsb@digistar.com
To: qrp-l@Lehigh.EDU
Subject: [165495] 80 meter QRP performance
Message-ID: <Pine.GS0.4.58.0401161229390.4274@digistar.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I am curious how well 80 meter QRP performance is for the average person with a long wire or a dipole lobbed up a tree... I have only fair signal performance with my 80 meter dipole at 40 feet at home running 50+ watts. At 5 watts I'll be 10dB weaker and probably even more so if I can't get a proper 80 meter antenna strung very high off the ground.

I've read a number of reviews from guys taking long backpacking trips running on the 80 meter nets and am curious how well their success is compared to 40 or 20 meters.

thanks,
Jason N1SU

Date: Fri, 16 Jan 2004 09:44:27 -0800 (PST)
From: Tom Sevalt <n2uhc@yahoo.com>
To: HF Beacon list <hfbeacons@explore.plus.com>,
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [165496] 30 meter beacon test run
Message-ID: <20040116174427.94433.qmail@web9602.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Sorry if this is a repost, but I didn't see it come through.

I have the 30 meter QRPP beacon on the air for a test run until 2000 UTC. The frequency is 10.146, power is >500 mW. Tomorrow we'll put a QRPP power meter on it to see what the exact power output is.

=====

Tom Sevalt N2UHC
<http://www.geocities.com/n2uhc>

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<http://hotjobs.sweepstakes.yahoo.com/signingbonus>

Date: Fri, 16 Jan 2004 13:13:27 -0500
From: Brian <brian@iquest.net>
To: "" <n2uhc@yahoo.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [165497] Re: 30 meter beacon test run
Message-ID: <1074276807.400829c75c905@webmail.iquest.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit

Any chance of you running it into the late evening? Say 9PM EST or so?

72 de KB9BVN

Quoting Tom Severt <n2uhc@yahoo.com>:

> Sorry if this is a repost, but I didn't see it come
> through.
>
> I have the 30 meter QRPP beacon on the air for a test
> run until 2000 UTC. The frequency is 10.146, power is
> >500 mW. Tomorrow we'll put a QRPP power meter on it
> to see what the exact power output is.
>
>
>
> =====
> Tom Severt N2UHC
> <http://www.geocities.com/n2uhc>
>
> -----
> Do you Yahoo!?
> Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes
> <http://hotjobs.sweepstakes.yahoo.com/signingbonus>
>

Date: Fri, 16 Jan 2004 12:18:33 -0600
From: Wayne Rogers <w5kdj@juno.com>
To: n2uhc@yahoo.com, qrp-l@lehigh.EDU
Subject: [165498] Re: 30 meter beacon test run
Message-ID: <20040116.121834.-1670635.0.w5kdj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I hear your beacon on 10.145 529 in Houston at 1818z.

Date: Fri, 16 Jan 2004 19:08:54 +0000
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [165499] [OT] Voltmeter Repair
Message-ID: <Law9-F46ShbByluRyEx00014699@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Would any of you folks happen to have an HP 410C voltmeter or have technical knowledge of the workings of the chopper unit contained therein? I am trying to resurrect a dying meter and would like to get confirmation from someone about the proper resistance behavior of the photocells in the chopper. See:

<http://www.geocities.com/alibhernlem/Radio/HP410C.html>

Thanks for your help.

Brad

P.S. Anyone need mini banana plugs @ \$0.15 ea.? See:

<http://www.geocities.com/alibhernlem/Radio/minibanana.html>

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Date: Fri, 16 Jan 2004 14:20:32 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: jsb@digistar.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [165500] Re: 80 meter QRP performance
Message-ID: <40083980.D2532E6A@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jason,

I might suggest you check over your installation for losses. 48 years ago, when I was a novice, I made many 80 meter QSOs using a DX-35 at 65 watts input to a 137 foot Windom up about 30 feet. And, when last I tried from Maryland, running 5 watts to an end fed long wire at about 35 feet AGL, I had very little trouble working whatever I could hear.

80 is a funny band. These days it seems to open about 9 PM. When I was a kid, in Ohio, I seem to remember activity all day, and during the 70's in California it opened daily in the afternoon but I seem to remember it was dead by 6 PM. You might check when the band opens and for how long in your local area.

At any event, you should make decent QSOs out to 500 miles most of the time when it is open. Of course the signals have to be there. I don't know what you're using for a rig, but you might try starting some QSOs at 50 watts and then decreasing power to 5 watts at first.

In comparison to 40 or 20, the range is distinctly shorter, but that is not to say some real long DX QSOs don't exist. I have worked Europe with my current station; just not every night! 40 is generally open to somewhere whenever you turn on the radio; so is 20. But on both the band is not as wide, and you're competing with more stations running more power, at least on 20.

Try listening to 80 when there is a contest running. I know it's a long way off, but I might suggest Sweepstakes, or a nearby state QSO party. They should tell you something about the activity.

Bruce

Date: Fri, 16 Jan 2004 15:04:50 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [165501] Need Schematic of Supergainer Receiver.
Message-ID: <3.0.6.32.20040116150450.007a1530@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Can anyone help this OM? I'm not familiar with this radio, nor seen a circuit for it.

>Hello STEVE.
>This is HL2DUS Park.
>I am looking for the schematic of G3RJV's Supergainer.
>Do you have maybe this schematic ??
>I want to build this receiver.
>Any file format will be OK.
>I am sorry for requesting for the first time to you.
>My email is peyukr@yahoo.co.kr
>your sincerely
>73

>
>HL2DUS Park.

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Fri, 16 Jan 2004 15:21:43 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [165502] KITS: Digi- SWR/Power meter
Message-ID: <3.0.6.32.20040116152143.007a46c0@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hey Gang,

The boards for the SWR/Power meter came in yesterday. I built one up and put a picture on the web page, <http://www.qsl.net/kd1jv/swr_power_meter.HTM>

The last couple of parts I need should be here by the end of next week, so I expect to start shipping on or about Jan 26.

Those of you who requested a kit can send a check or MO anytime now. A list of those who reserved a kit is at the bottom of the above web page.

About 30 kits are not yet spoken for, if your call isn't on the reserve list and would like one of these kits, speak up now :-)

Thanks,
72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Fri, 16 Jan 2004 14:08:48 -0600
From: "Lew Paceley" <lew@paceley.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: <n2uhc@yahoo.com>
Subject: [165503] Re: 30 meter beacon test run
Message-ID: <006601c3dc6c\$8decf040\$6501a8c0@swbell.net>

MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi Tom,
Barely copied the 30m beacon here in Austin, Texas EM10ch. RST was a
219 in heavy noise and QSB at 1955Z, 1/16/04. Could pull out VVV,
N2UHC/B, but not much else before the QSB ate the sigs in the couple
minutes I had.

72/73,
Lew
N5ZE

Date: Fri, 16 Jan 2004 12:14:56 -0800 (PST)
From: Lloyd Lachow <llachow@yahoo.com>
To: "Li'l Piggies" <fpqrp-l@mpna.com>,
a low-energy group <qrp-l@lehigh.edu>
Subject: [165504] 2x6V=12V, then what...?
Message-ID: <20040116201456.93384.qmail@web41004.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I got two little 6V Li batteries, and they fit
nicely in a single AA holder. The ammeter says 2.5A,
the voltmeter says 12 point something V. Seems like a
lovely, and extremely light and tiny, PS. What do you
think I can expect from this li'l package, in terms of
performance and longevity, hmmm?

TIA,

LL

=====

73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland
KX1#11 - multiPIG+#14 - K1#379 - 20/40M RockMites
Loop - EDZ - LW - Begali Magnetic Classic Paddles
ARRL - ARS - QRParci - QCWA - FISTS #8774
FPQRP #476 - QRP-L - BORG #2
Fun = Skill / Power ! 8^D

Do you Yahoo!?

Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes

<http://hotjobs.sweepstakes.yahoo.com/signingbonus>

Date: Fri, 16 Jan 2004 12:45:10 -0700 (MST)

From: Karl Larsen <k5di@zianet.com>

To: Tom Severt <n2uhc@yahoo.com>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [165505] Re: 30 meter beacon test run

Message-ID: <Pine.LNX.4.44.0401161244300.5280-100000@bucket.dog>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 16 Jan 2004, Tom Severt wrote:

> Sorry if this is a repost, but I didn't see it come
> through.

>

> I have the 30 meter QRPp beacon on the air for a test
> run until 2000 UTC. The frequency is 10.146, power is
> >500 mW. Tomorrow we'll put a QRPp power meter on it
> to see what the exact power output is.

Sorry Tom, nothing heard in Las Cruces, NM

>

>

>

> =====

> Tom Severt N2UHC

> <http://www.geocities.com/n2uhc>

>

> -----

> Do you Yahoo!?

> Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes

> <http://hotjobs.sweepstakes.yahoo.com/signingbonus>

>

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Fri, 16 Jan 2004 16:13:56 -0500

From: "Paul F. Ryan" <pfr2@Lehigh.EDU>
To: kd1jv@moose.ncia.net, qrp-1@lehigh.edu
Subject: [165506] Re: Need Schematic of Supergainer Receiver.
Message-ID: <40085414.3060304@lehigh.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

There's a poor copy of the super gainer schematic on page 7 of our club's newsletter from August of last year. The link is:
<http://www.w3oi.org/VOX/2003/Aug03VOX.pdf>

Henry Mohr, W3NCX, may still have the original schematic. He's not on e-Mail, but his record from QRZ shows him at:

1005 Wyoming St.
Allentown, PA 18103

You can check for yourself at:
<http://www.qrz.com/callsign.html?callsign=W3NCX>

73,
Paul, NØKIA

Steven Weber wrote:

>Can anyone help this OM? I'm not familer with this radio, nor seen a
>circuit for it.

>

>

>

>>Hello STEVE.

>>This is HL2DUS Park.

>>I am looking for the schematic of G3RJV's Supergainer.

>>Do you have maybe this schematic ??

>>I want to build this receiver.

>>Any file format will be OK.

>>I am sorry for requesting for the fisrt time to you.

>>My email is peyukr@yahoo.co.kr

>>your sincerely

>>73

>>

>>HL2DUS Park.

>>

>>

>

>72,

>Steve, KD1JV
>"Melt Solder"
>White Mountains of New Hampshire
><http://www.qsl.net/kd1jv/>
>
>

Date: Fri, 16 Jan 2004 14:41:07 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: qrp-1@lehigh.edu
Subject: [165507] Ten meters is open
Message-ID: <Pine.LNX.4.44.0401161439230.5280-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I worked NY and OH QRP this afternoon about 2100Z and both QRO
stations heard me 57-8. The activity is sparce but centered around
28.480 MHz

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Fri, 16 Jan 2004 13:31:11 -0800
From: Steve Smith <sigcom@juno.com>
To: pfr2@Lehigh.EDU
Cc: qrp-1@Lehigh.EDU
Subject: [165508] Re: Need Schematic of Supergainer Receiver.
Message-ID: <20040116.133111.-16267717.2.sigcom@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

That's the classic Supergainer receiver, a tunable convertor followed by
a fixed-freq. regenerative detector, devised by Frank Jones in the 30s.

I think Park is referring to a solid-state version authored by Rev.
George Dobbs in the July 2000 issue of Pratical Wireless.

<http://www.pwpublishing.ltd.uk/pw/tex/jul00.html>

Sorry but I have no further information.

73.....Steve Smith WB6TNL
Oxnard, CA USA
"Snort Rosin"

--I know you believe you understand what you think I said
but I am not sure you realize that what you heard is not what I meant.--

On Fri, 16 Jan 2004 16:13:56 -0500 "Paul F. Ryan" <pfr2@Lehigh.EDU>
writes:

> There's a poor copy of the super gainer schematic on page 7 of our
> club's newsletter from August of last year. The link is:
> <http://www.w3oi.org/VOX/2003/Aug03VOX.pdf>

>

>

> 73,

> Paul, NOKIA

>

> Steven Weber wrote:

>

> >Can anyone help this OM? I'm not familer with this radio, nor seen

> a

> >circuit for it.

> >

> >

> >

> >>Hello STEVE.

> >>This is HL2DUS Park.

> >>I am looking for the schematic of G3RJV's Supergainer.

> >>Do you have maybe this schematic ??

> >>I want to build this receiver.

> >>Any file format will be OK.

> >>I am sorry for requesting for the fisrt time to you.

> >>My email is peyukr@yahoo.co.kr

> >>your sincerely

> >>73

> >>

> >>HL2DUS Park.

> >>

> >>

> >

> >72,

> >Steve, KD1JV

> >"Melt Solder"

> >White Mountains of New Hampshire

> ><http://www.qsl.net/kd1jv/>

> >

> >
>
>
>

The best thing to hit the internet in years - Juno SpeedBand!
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Date: Fri, 16 Jan 2004 14:22:18 -0600
From: "George, W5YR" <w5yr@att.net>
To: <giamman@rouge.phys.lsu.edu>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [165509] Re: 2003 ARRL Frequency Measuring Test - results
Message-ID: <01ea01c3dc79\$823041a0\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi, Jim

Well, ARRL finally dropped the other shoe! I recall that we were discussing this after the FMT and comparing results.

I only turned in 40 meters with the frequency of 7050410.7(0.8 Hz high or 0.113 ppm if I did the math correctly). The other bands were either too noisy or too weak to get consistent data.

Thinking back to the 40's when the new surplus BC-221 was the first really accurate frequency measuring tool available to hams, we have come a long, long way! There were various heterodyne frequency meters, such as the Lampkin, in those days, but expensive and not as good as the BC-221 new in the overseas packing for \$25! I sold my original one somewhere back in the college days but bought another in the early 70's which I still use. After about 60 years the crystal has aged in pretty well!

Actually, if I had just used the IC-756PRO2 dial calibration, after setting it up to WWV, with its 0.1 ppm OCXO, I probably would have gotten closer!
<:}

But, had to do a little skull-duggery to get that fraction of a Hz since the PRO2 dial "stops" at the Hz level.

See you in the Pack Tuesday evening!

73, George W5YR
w5yr@att.net

.

----- Original Message -----
From: "Jim Giammanco" <giamman@rouge.phys.lsu.edu>

<snip>

> I had measured 7050411.2 Hz (1.3 Hz, or 0.18 PPM high)
> and 3585384.6 Hz (0.9 Hz, or 0.25 PPM high)

Date: Fri, 16 Jan 2004 16:45:53 -0500
From: TJM <tjmc@erols.com>
To: LIQRP <liqrp@mailman.qth.net>, njqrp@applegate.org,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [165510] Ham radio permit required for NYS parks...\$50 Fee per year
Message-ID: <40085B91.5070900@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Hi Guys,

The latest info on the \$50 Ham permit will be posted here (including
JPGs of the permits, BTW, the jpgs are large) :

<http://users.erols.com/tjmc/permit.htm>

As of this time , the ARRL has been notified and other letters have gone
out to officials... I will keep all informed.

PLEASE DO NOT POST USELESS ANSWERS / REMARKS... it just adds junk
traffic to the servers.

If you have a question , send directly to me; tjmc@erols.com ,
and I'll answer if I can.

72/3
Tom aa2vk

--

* Member of NORCAL, NJQRP, LIQRP, HFPack *
* K2 #1213 *
* LIQRP Web Page : www.qsl.net/liqrp *
* Personal web page : www.erols.com/tjmc *

Date: Fri, 16 Jan 2004 13:57:21 -0800
From: "Richard L. Ferranti" <remler@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [165511] FA: Vintage "Sardine Sender" 80m CW QRP Transmitter
Message-ID: <20040116.135722.1260.0.remler@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Here's a really nice, vintage, operational "Sardine Sender" (DeMaw's 80m version of the "Tuna Tin 2") from QST in 1978. You'd get a kick out of just looking at the photos....

<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3072339647>

73 from Rick W6NIR

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Fri, 16 Jan 2004 18:01:25 -0500
From: "Brian Riley (maillist)" <n1bq_list@wulfden.org>
To: <tjmc@erols.com>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [165512] Re: *** \$50 permit (per year) REQUIRED to operate Radio in NY Park!!***

Message-ID: <BC2DD775.1D443%n1bq_list@wulfden.org>

Mime-version: 1.0

Content-type: text/plain; charset="US-ASCII"

Content-transfer-encoding: 7bit

What is not clear here is why a permit is needed at all. What I'm seeing is a generalized permit to 'do something' What gives. WHY do you need a permit to operate an amateur radio any more than you need a permit to play volleyball or walk on the beach or swim. That is what your entrance fee is supposed to cover. Do I need to get a permit to use my HT there? I would like to see the pertinent ordinances and see just what activities they specify need to be subjected to the permit process.

I hate to say this Tom, but, unless my query above of that specific reference to ham radio is made in the ordinance and regulations, I think you made a big mistake by getting the permit. You may have just created the precedent that will galvanize THEIR idea that ham radio needs a permit.

my \$.02

cheers ... 73 de brian, n1bq

On 1/15/04 2:01 PM, "TJM" <tjmc@erols.com> wrote:

> I'm trying to decide if the permit is worth the money...
>
> See below letter for how this started and letter to parks dept.
>
>
> It now appears I must (and each member who wishes to operate) obtain a
> yearly permit issued by the NYS Parks Dept to operate a radio in the park.
>
> Today in the mail I received the letter/permit form from the Office of
> Parks / Recreation , Long Island State Region, Babylon, NY.
> The permit is valid for ONE Year at a cost of \$50. The Permit is valid
> ONLY in Sunken Meadow State Park and must be carried on the person.
> The permit still requires the access fee to be paid (another approx \$7).
>
>
> So what to do?? I'm wondering if it's worth it??
>
> all best
> Tom aa2vk
>
>
>
>

>>
>> ----- Original Message -----
>
>> Subject: outing at the beach
>> Date:> Tue, 23 Dec 2003 16:55:47 -0500
>> From: TJM <tjmc@erols.com>
>> To: LIQRP> <liqrp@mailman.qth.net>
>>
>> Hi Group,
>>
>> Went out to Sunken Meadow St Park (LI, NY) today. Sun was nice but
>> a bit cool! ;) The W1FE wanted to run, so I took along my DSW-20 and
>> 10m pole. Set up was at the beach, on the boardwalk using the picnic
>> tables that are there year round.
>>
>> Put the fiber pole into the hole for umbrellas (removed the two
>> bottom sections) tape a wire onto it and pulled it up for a max
>> height of 25ft. Worked N5DMC, Jerry of MS and K4YKI, Norm of KY on
>> 2.5 watts...
>>
>> While I was working K4YKI, a State Park Police comes up to me and
>> asks if I had a permit. I said I wasn't aware that one was needed...
>> He says the pole is to tall and tells me to take it down... I say
>> ok... before I get to ask any more questions, he's gone. So, I pack
>> up, get the W1FE, walk over to the Park office to ask why I need a
>> permit and under what ordinance....Of course the St PD is gone (went
>> home) and the Park Office employees have no knowledge...
>>
>> SO , I have to wait till the Main Park office is open to get some
>> answers.
>>
>> More to come on this!
>>
>> all best Tom aa2vk
>
>
>
>
> LETTER to NYS Parks Dept;
>
>> 12/24/2003
>>
>>
>> To: Long Island State Parks
>>
>> From: Thomas McCuen; AA2VK
>>
>> Re: Permission/Permit for Amateur Radio Operation in the Sunken
>> Meadow Park

>>
>>
>> 1) I, Thomas McCuen, am requesting permission to allow operation of
>> an amateur radio while in the park during normal business hours. This
>> request is due to a State Park Officer advising me a permit was
>> required for operation.
>>
>> 2) This radio operation is of Amateur type usage of which I am
>> licensed for by the F.C.C.
>>
>> 3) The radio is a small portable transmitter/receiver that is less
>> than 5"x5"x5" in size. The radio is powered by a small battery or
>> battery pack comprised of "AA" type batteries. Transmitted power is
>> of a low amount, usually less than 3 watts, so as not to interfere
>> with any other normal Park operations. The antenna is a small wire
>> that is vertically supported on a fiberglass-fishing pole. The form
>> of transmission is usually in the form of Morse Code and headphones
>> are worn so as not to disturb others in the park.
>>
>> 4) Attached is a copy of my FCC license and photos of equipment are
>> available if requested.
>>
>>
>> Thank You,
>>
>>
>>
>> Thomas McCuen
>>
>>

End of QRP-L Digest 3167

